



wwPDB NMR Structure Validation Summary Report ⓘ

Jun 3, 2023 – 06:20 PM EDT

PDB ID : 2MRU
BMRB ID : 25092
Title : Structure of truncated EcMazE-DNA complex
Authors : Zorzini, V.; Buts, L.; Loris, R.; van Nuland, N.
Deposited on : 2014-07-15

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A user guide is available at

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with specific help available everywhere you see the ⓘ symbol.

The types of validation reports are described at

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

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

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

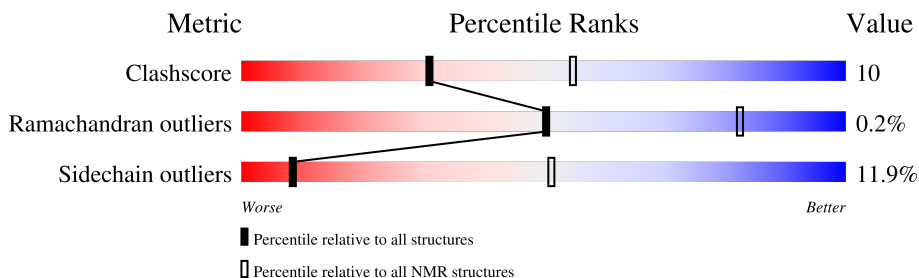
1 Overall quality at a glance

The following experimental techniques were used to determine the structure:

SOLUTION NMR

The overall completeness of chemical shifts assignment is 5%.

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



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

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

Mol	Chain	Length	Quality of chain
1	A	67	
1	B	67	
2	X	15	
3	Y	15	

2 Ensemble composition and analysis

This entry contains 7 models. Model 2 is the overall representative, medoid model (most similar to other models). The authors have identified model 1 as representative, based on the following criterion: *lowest energy*.

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

Well-defined (core) protein residues			
Well-defined core	Residue range (total)	Backbone RMSD (Å)	Medoid model
1	A:3-A:47, B:5-B:47 (88)	0.60	2

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

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

The models can be grouped into 2 clusters. No single-model clusters were found.

Cluster number	Models
1	2, 5, 6, 7
2	1, 3, 4

3 Entry composition [i](#)

There are 3 unique types of molecules in this entry. The entry contains 1909 atoms, of which 517 are hydrogens and 0 are deuteriums.

- Molecule 1 is a protein called Antitoxin MazE.

Mol	Chain	Residues	Atoms						Trace
1	A	50	Total	C	H	N	O	S	0
			478	246	88	70	73	1	
1	B	50	Total	C	H	N	O	S	0
			478	246	88	70	73	1	

There are 36 discrepancies between the modelled and reference sequences:

Chain	Residue	Modelled	Actual	Comment	Reference
A	-16	ASN	-	expression tag	UNP P0AE72
A	-15	HIS	-	expression tag	UNP P0AE72
A	-14	LYS	-	expression tag	UNP P0AE72
A	-13	VAL	-	expression tag	UNP P0AE72
A	-12	HIS	-	expression tag	UNP P0AE72
A	-11	HIS	-	expression tag	UNP P0AE72
A	-10	HIS	-	expression tag	UNP P0AE72
A	-9	HIS	-	expression tag	UNP P0AE72
A	-8	HIS	-	expression tag	UNP P0AE72
A	-7	HIS	-	expression tag	UNP P0AE72
A	-6	MET	-	expression tag	UNP P0AE72
A	-5	SER	-	expression tag	UNP P0AE72
A	-4	ASP	-	expression tag	UNP P0AE72
A	-3	ASP	-	expression tag	UNP P0AE72
A	-2	ASP	-	expression tag	UNP P0AE72
A	-1	ASP	-	expression tag	UNP P0AE72
A	0	LYS	-	expression tag	UNP P0AE72
A	1	GLY	-	expression tag	UNP P0AE72
B	-16	ASN	-	expression tag	UNP P0AE72
B	-15	HIS	-	expression tag	UNP P0AE72
B	-14	LYS	-	expression tag	UNP P0AE72
B	-13	VAL	-	expression tag	UNP P0AE72
B	-12	HIS	-	expression tag	UNP P0AE72
B	-11	HIS	-	expression tag	UNP P0AE72
B	-10	HIS	-	expression tag	UNP P0AE72
B	-9	HIS	-	expression tag	UNP P0AE72
B	-8	HIS	-	expression tag	UNP P0AE72
B	-7	HIS	-	expression tag	UNP P0AE72
B	-6	MET	-	expression tag	UNP P0AE72

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Chain	Residue	Modelled	Actual	Comment	Reference
B	-5	SER	-	expression tag	UNP P0AE72
B	-4	ASP	-	expression tag	UNP P0AE72
B	-3	ASP	-	expression tag	UNP P0AE72
B	-2	ASP	-	expression tag	UNP P0AE72
B	-1	ASP	-	expression tag	UNP P0AE72
B	0	LYS	-	expression tag	UNP P0AE72
B	1	GLY	-	expression tag	UNP P0AE72

- Molecule 2 is a DNA chain called DNA (5'-D(*CP*GP*TP*GP*AP*TP*AP*TP*AP*TP*AP*GP*TP*GP*C)-3').

Mol	Chain	Residues	Atoms						Trace
			Total	C	H	N	O	P	
2	X	15	478	148	171	56	89	14	0

- Molecule 3 is a DNA chain called DNA (5'-D(P*GP*CP*AP*CP*TP*AP*TP*AP*TP*AP*TP*CP*AP*CP*G)-3').

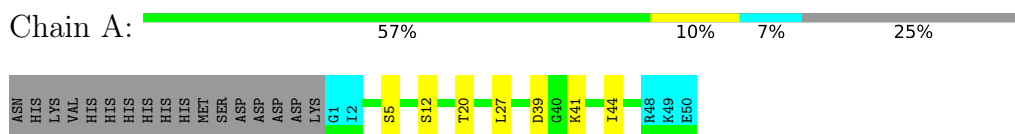
Mol	Chain	Residues	Atoms						Trace
			Total	C	H	N	O	P	
3	Y	15	475	146	170	55	89	15	0

4 Residue-property plots [i](#)

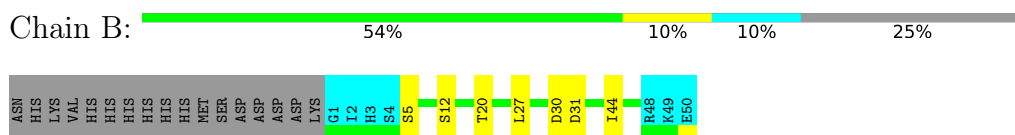
4.1 Average score per residue in the NMR ensemble

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

- Molecule 1: Antitoxin MazE



- Molecule 1: Antitoxin MazE



- Molecule 2: DNA (5'-D(*CP*GP*TP*GP*AP*TP*AP*TP*AP*TP*AP*GP*TP*GP*C)-3')



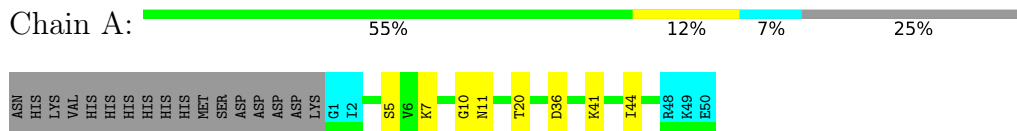
- Molecule 3: DNA (5'-D(P*GP*CP*AP*CP*TP*AP*TP*AP*TP*AP*TP*CP*AP*CP*G)-3')



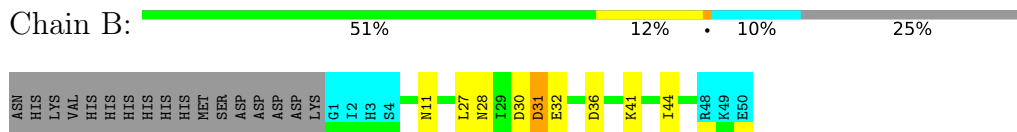
4.2 Residue scores for the representative (medoid) model from the NMR ensemble

The representative model is number 2. Colouring as in section 4.1 above.

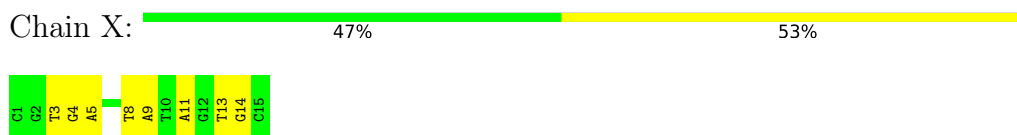
- Molecule 1: Antitoxin MazE



- Molecule 1: Antitoxin MazE



- Molecule 2: DNA (5'-D(*CP*GP*TP*GP*AP*TP*AP*TP*AP*TP*AP*GP*TP*GP*C)-3')



- Molecule 3: DNA (5'-D(P*GP*CP*AP*CP*TP*AP*TP*AP*TP*AP*TP*CP*AP*CP*G)-3')



5 Refinement protocol and experimental data overview

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

Of the 100 calculated structures, 7 were deposited, based on the following criterion: *structures with the least restraint violations*.

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

Software name	Classification	Version
HADDOCK	structure solution	
HADDOCK	refinement	

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

Chemical shift file(s)	working_cs.cif
Number of chemical shift lists	1
Total number of shifts	126
Number of shifts mapped to atoms	103
Number of unparsed shifts	0
Number of shifts with mapping errors	23
Number of shifts with mapping warnings	0
Assignment completeness (well-defined parts)	5%

6 Model quality [i](#)

6.1 Standard geometry [i](#)

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

There are no bond-length outliers.

There are no bond-angle outliers.

There are no chirality outliers.

There are no planarity outliers.

6.2 Too-close contacts [i](#)

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

Mol	Chain	Non-H	H(model)	H(added)	Clashes
1	A	348	75	364	4±1
1	B	332	71	352	4±1
2	X	307	171	172	9±1
3	Y	305	170	170	10±2
All	All	9044	3409	7406	159

The all-atom clashscore is defined as the number of clashes found per 1000 atoms (including hydrogen atoms). The all-atom clashscore for this structure is 10.

5 of 74 unique clashes are listed below, sorted by their clash magnitude.

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
3:Y:12:DC:H2''	3:Y:13:DA:C8	0.84	2.07	1	7
2:X:3:DT:H4'	2:X:4:DG:OP1	0.76	1.79	1	7
2:X:13:DT:H2''	2:X:14:DG:C8	0.75	2.16	4	7
1:A:12:SER:HG	2:X:5:DA:H8	0.71	1.29	1	1
1:A:42:LEU:HB2	1:B:44:ILE:HB	0.70	1.63	4	3

6.3 Torsion angles [i](#)

6.3.1 Protein backbone [i](#)

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

Mol	Chain	Analysed	Favoured	Allowed	Outliers	Percentiles	
1	A	45/67 (67%)	43±1 (95±2%)	2±1 (5±2%)	0±0 (0±0%)	100	100
1	B	43/67 (64%)	40±1 (92±2%)	3±1 (8±2%)	0±0 (0±1%)	44	80
All	All	616/938 (66%)	575 (93%)	40 (6%)	1 (0%)	50	82

All 1 unique Ramachandran outliers are listed below.

Mol	Chain	Res	Type	Models (Total)
1	B	11	ASN	1

6.3.2 Protein sidechains [i](#)

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

Mol	Chain	Analysed	Rotameric	Outliers	Percentiles	
1	A	40/61 (66%)	35±1 (88±2%)	5±1 (12±2%)	8	51
1	B	38/61 (62%)	34±1 (88±3%)	4±1 (12±3%)	9	52
All	All	546/854 (64%)	481 (88%)	65 (12%)	8	51

5 of 22 unique residues with a non-rotameric sidechain are listed below. They are sorted by the frequency of occurrence in the ensemble.

Mol	Chain	Res	Type	Models (Total)
1	A	5	SER	6
1	B	20	THR	6
1	A	20	THR	6
1	A	27	LEU	4
1	B	30	ASP	4

6.3.3 RNA [i](#)

There are no RNA molecules in this entry.

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

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

6.5 Carbohydrates [i](#)

There are no monosaccharides in this entry.

6.6 Ligand geometry [i](#)

There are no ligands in this entry.

6.7 Other polymers [i](#)

There are no such molecules in this entry.

6.8 Polymer linkage issues [i](#)

There are no chain breaks in this entry.

7 Chemical shift validation i

The completeness of assignment taking into account all chemical shift lists is 5% for the well-defined parts and 5% for the entire structure.

7.1 Chemical shift list 1

File name: working_cs.cif

Chemical shift list name: *assigned_chem_shift_list_1*

7.1.1 Bookkeeping i

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

Total number of shifts	126
Number of shifts mapped to atoms	103
Number of unparsed shifts	0
Number of shifts with mapping errors	23
Number of shifts with mapping warnings	0
Number of shift outliers (ShiftChecker)	0

The following assigned chemical shifts were not mapped to the molecules present in the coordinate file.

- No matching atom found in the structure. First 5 (of 23) occurrences are reported below.

List ID	Chain	Res	Type	Atom	Shift Data		
					Value	Uncertainty	Ambiguity
1	A	-16	ASN	HD21	7.661	0.000	1
1	A	-16	ASN	HD22	6.981	0.000	1
1	A	-16	ASN	ND2	112.972	0.001	1
1	A	-14	LYS	H	8.443	0.000	1
1	A	-14	LYS	N	122.627	0.000	1
1	A	-13	VAL	H	8.163	0.000	1
1	A	-13	VAL	N	121.597	0.000	1
1	A	-12	HIS	H	8.574	0.000	1
1	A	-12	HIS	N	123.067	0.000	1
1	A	-6	MET	H	8.629	0.000	1
1	A	-6	MET	N	122.783	0.000	1
1	A	-5	SER	H	8.457	0.000	1
1	A	-5	SER	N	116.739	0.000	1
1	A	-4	ASP	H	8.439	0.000	1

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List ID	Chain	Res	Type	Atom	Shift Data		
					Value	Uncertainty	Ambiguity
1	A	-4	ASP	N	122.175	0.000	1
1	A	-3	ASP	H	8.217	0.000	1
1	A	-3	ASP	N	119.766	0.000	1
1	A	-2	ASP	H	8.199	0.000	1
1	A	-2	ASP	N	120.048	0.000	1
1	A	-1	ASP	H	8.22	0.000	1
1	A	-1	ASP	N	120.11	0.000	1
1	A	0	LYS	H	8.288	0.000	1
1	A	0	LYS	N	121.485	0.000	1

7.1.2 Chemical shift referencing [i](#)

The following table shows the suggested chemical shift referencing corrections.

Nucleus	# values	Correction \pm precision, ppm	Suggested action
$^{13}\text{C}_\alpha$	0	—	None (insufficient data)
$^{13}\text{C}_\beta$	0	—	None (insufficient data)
$^{13}\text{C}'$	0	—	None (insufficient data)
^{15}N	53	-0.20 ± 0.57	None needed (< 0.5 ppm)

7.1.3 Completeness of resonance assignments [i](#)

The following table shows the completeness of the chemical shift assignments for the well-defined regions of the structure. The overall completeness is 5%, i.e. 91 atoms were assigned a chemical shift out of a possible 1817. 0 out of 20 assigned methyl groups (LEU and VAL) were assigned stereospecifically.

	Total	^1H	^{13}C	^{15}N
Backbone	76/432 (18%)	38/174 (22%)	0/176 (0%)	38/82 (46%)
Sidechain	13/766 (2%)	8/502 (2%)	0/238 (0%)	5/26 (19%)
Aromatic	2/31 (6%)	1/16 (6%)	0/12 (0%)	1/3 (33%)
Sugar	0/360 (0%)	0/210 (0%)	0/150 (0%)	0/0 (—%)
Base	0/228 (0%)	0/138 (0%)	0/54 (0%)	0/36 (0%)
Overall	91/1817 (5%)	47/1040 (5%)	0/630 (0%)	44/147 (30%)

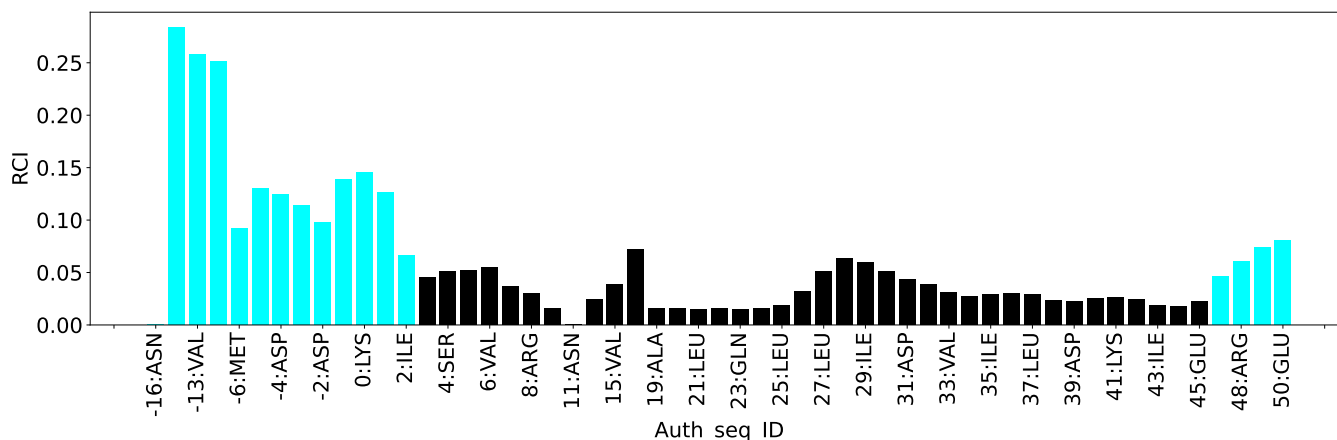
7.1.4 Statistically unusual chemical shifts [i](#)

There are no statistically unusual chemical shifts.

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

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

Random coil index (RCI) for chain A:



8 NMR restraints analysis

8.1 Conformationally restricting restraints

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

Description	Value
Total distance restraints	34
Intra-residue ($ i-j =0$)	0
Sequential ($ i-j =1$)	0
Medium range ($ i-j >1$ and $ i-j <5$)	0
Long range ($ i-j \geq 5$)	0
Inter-chain	34
Hydrogen bond restraints	0
Disulfide bond restraints	0
Total dihedral-angle restraints	0
Number of unmapped restraints	0
Number of restraints per residue	0.2
Number of long range restraints per residue ¹	0.0

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

8.2 Residual restraint violations

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

8.2.1 Average number of distance violations per model

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

Bins (Å)	Average number of violations per model	Max (Å)
0.1-0.2 (Small)	2.6	0.2
0.2-0.5 (Medium)	2.0	0.5
>0.5 (Large)	3.9	2.02

8.2.2 Average number of dihedral-angle violations per model

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

9 Distance violation analysis i

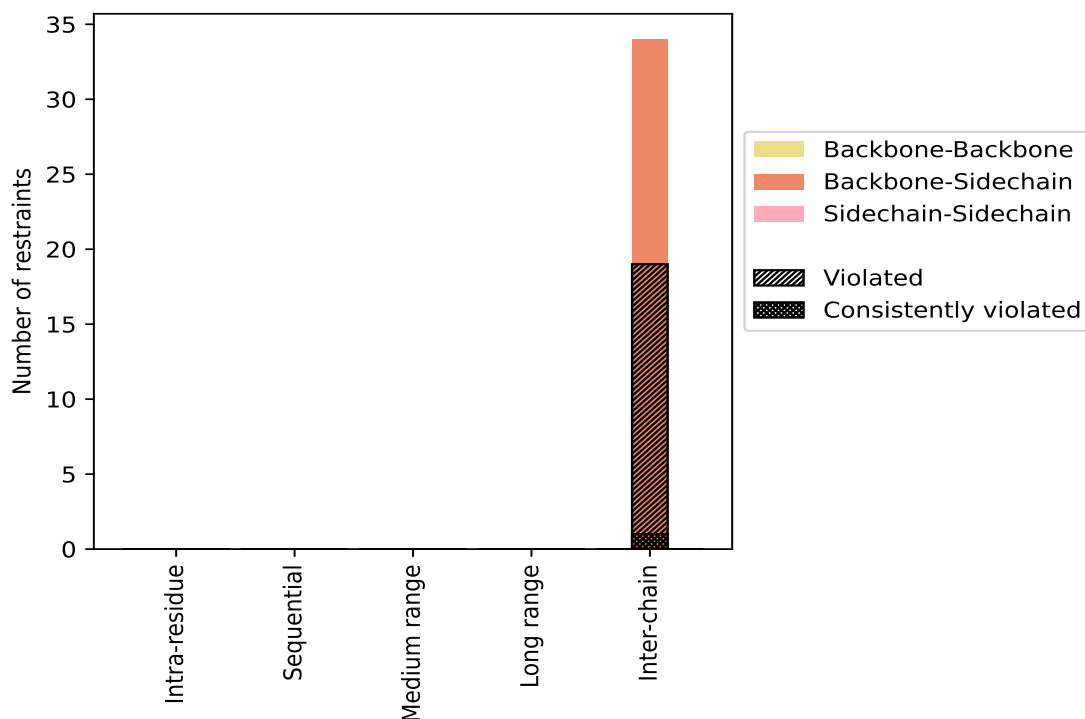
9.1 Summary of distance violations i

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

Restrains type	Count	% ¹	Violated ³			Consistently Violated ⁴		
			Count	% ²	% ¹	Count	% ²	% ¹
Intra-residue ($i-j =0$)	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sequential ($i-j =1$)	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Medium range ($i-j >1$ & $i-j <5$)	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Long range ($i-j \geq 5$)	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Inter-chain	34	100.0	19	55.9	55.9	1	2.9	2.9
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	34	100.0	19	55.9	55.9	1	2.9	2.9
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Hydrogen bond	0	0.0	0	0.0	0.0	0	0.0	0.0
Disulfide bond	0	0.0	0	0.0	0.0	0	0.0	0.0
Total	34	100.0	19	55.9	55.9	1	2.9	2.9
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	34	100.0	19	55.9	55.9	1	2.9	2.9
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0

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

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



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

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

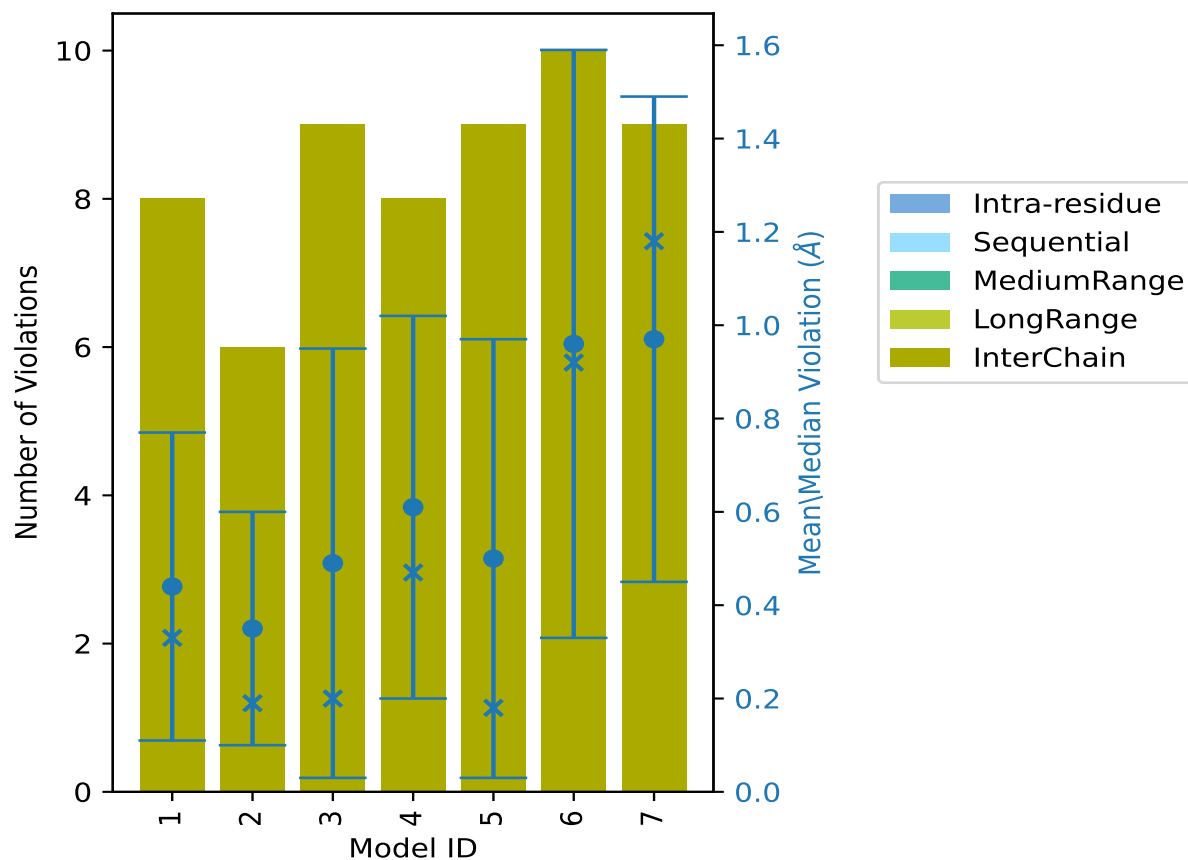
The following table provides the distance violation statistics for each model in the ensemble. Violations less than 0.1 Å are not included in the statistics.

Model ID	Number of violations						Mean (Å)	Max (Å)	SD ⁶ (Å)	Median (Å)
	IR ¹	SQ ²	MR ³	LR ⁴	IC ⁵	Total				
1	0	0	0	0	8	8	0.44	1.17	0.33	0.33
2	0	0	0	0	6	6	0.35	0.82	0.25	0.19
3	0	0	0	0	9	9	0.49	1.47	0.46	0.2
4	0	0	0	0	8	8	0.61	1.24	0.41	0.47
5	0	0	0	0	9	9	0.5	1.55	0.47	0.18
6	0	0	0	0	10	10	0.96	2.02	0.63	0.92
7	0	0	0	0	9	9	0.97	1.83	0.52	1.18

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

⁵Inter-chain restraints, ⁶Standard deviation

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



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

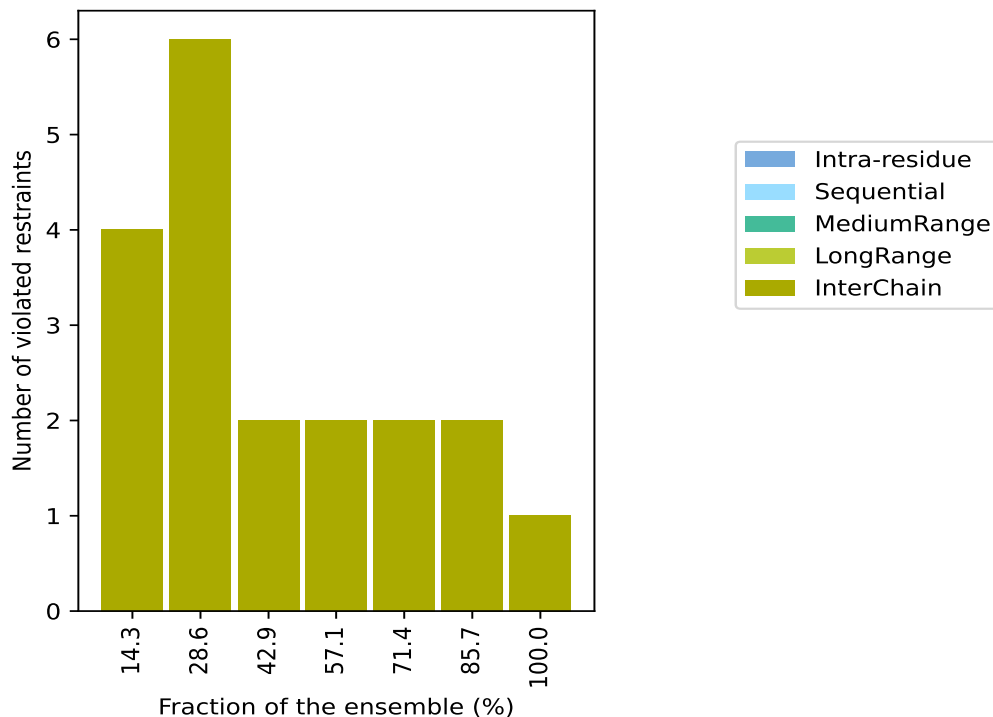
9.3 Distance violation statistics for the ensemble [i](#)

Violation analysis may find that some restraints are violated in few models and some are violated in most of models. The following table provides this information as number of violated restraints for a given fraction of the ensemble. In total, 15(IR:0, SQ:0, MR:0, LR:0, IC:15) restraints are not violated in the ensemble.

Number of violated restraints						Fraction of the ensemble	
IR ¹	SQ ²	MR ³	LR ⁴	IC ⁵	Total	Count ⁶	%
0	0	0	0	4	4	1	14.3
0	0	0	0	6	6	2	28.6
0	0	0	0	2	2	3	42.9
0	0	0	0	2	2	4	57.1
0	0	0	0	2	2	5	71.4
0	0	0	0	2	2	6	85.7
0	0	0	0	1	1	7	100.0

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

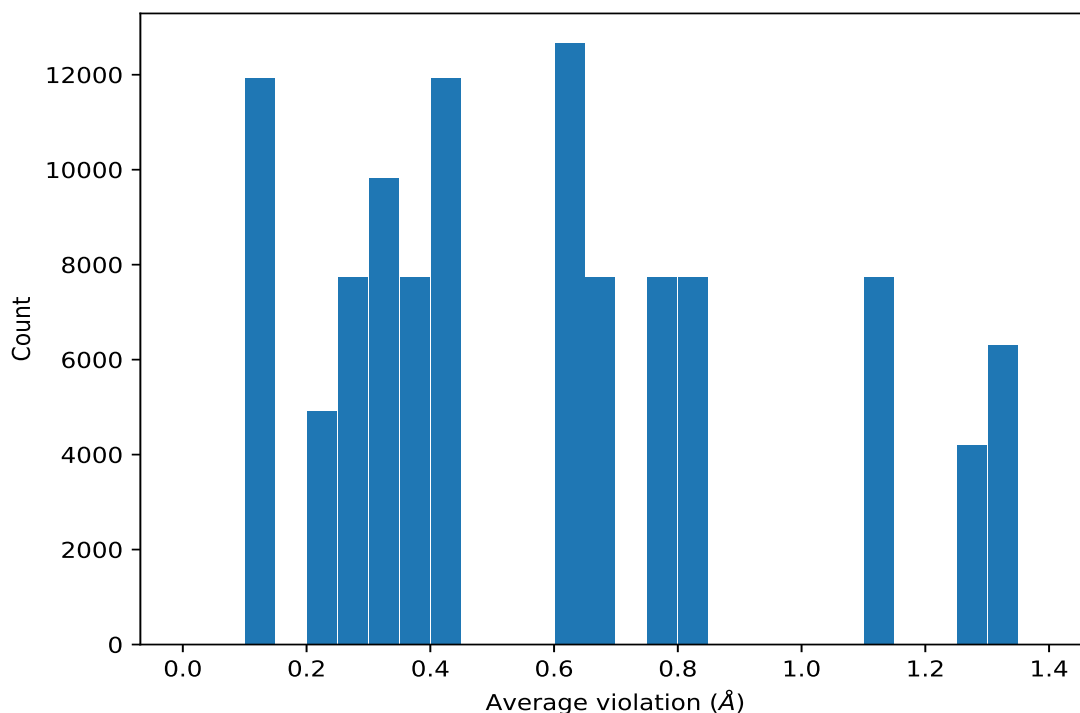
9.3.1 Bar graph : Distance violation statistics for the ensemble [i](#)



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

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

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



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

The following table provides the mean and the standard deviation of the violations for the 10 worst performing restraints, sorted by number of violated models and the mean violation value. The Key (restraint list ID, restraint ID) is the unique identifier for a given restraint. Rows with same key represent combinatorial or ambiguous restraints and are counted as a single restraint.

Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C1'	1:A:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:7:LYS:CD	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C1 [?]	1:A:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1 [?]	1:A:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1 [?]	1:A:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1 [?]	1:A:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1 [?]	1:A:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1 [?]	1:A:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1 [?]	1:A:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1 [?]	1:A:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1 [?]	1:A:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1 [?]	1:A:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1 [?]	1:A:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1 [?]	1:A:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1 [?]	1:A:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1 [?]	1:A:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1 [?]	1:A:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1 [?]	1:A:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1 [?]	1:A:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1 [?]	1:A:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1 [?]	1:A:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1 [?]	1:A:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1 [?]	1:A:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1 [?]	1:A:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1 [?]	1:A:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1 [?]	1:A:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1 [?]	1:A:9:TRP:O	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C1'	1:A:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:18:PRO:C	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C1'	1:A:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:A:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:7:LYS:HZ2	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C1'	1:B:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:10:GLY:O	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C1'	1:B:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:18:PRO:N	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C1'	1:B:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C1'	1:B:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:C	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:11:ASN:H	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C2	1:A:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:19:ALA:H	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C2	1:A:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:A:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:CZ	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:11:ASN:O	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C2	1:B:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:20:THR:CB	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C2	1:B:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2	1:B:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:8:ARG:HH21	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C2'	1:A:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:12:SER:H	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C2'	1:A:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:A:20:THR:O	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C2'	1:A:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:NH2	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:C	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C2'	1:B:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:3:HIS:CD2	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C3'	1:A:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:9:TRP:CD1	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C3'	1:A:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:A:16:ARG:CZ	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C3 ⁷	1:A:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:A:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:A:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:A:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:A:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:A:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:A:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:A:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:A:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:A:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:A:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:A:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:A:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:A:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:A:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:A:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:A:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:A:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:A:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:A:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:A:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:A:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:A:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:A:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:A:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:A:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:A:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:A:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:A:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:A:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:A:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:A:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:A:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:3:HIS:N	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C3 ⁷	1:B:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3 ⁷	1:B:9:TRP:CH2	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C3'	1:B:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:HH21	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C3'	1:B:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:7:LYS:CA	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C4	1:A:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:9:TRP:N	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C4	1:A:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:NH2	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:A:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:7:LYS:H	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C4	1:B:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:10:GLY:H	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C4	1:B:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:18:PRO:CD	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C4	1:B:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4	1:B:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4 [?]	1:A:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4 [?]	1:A:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4 [?]	1:A:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4 [?]	1:A:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4 [?]	1:A:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4 [?]	1:A:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4 [?]	1:A:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4 [?]	1:A:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4 [?]	1:A:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4 [?]	1:A:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4 [?]	1:A:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4 [?]	1:A:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4 [?]	1:A:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4 [?]	1:A:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4 [?]	1:A:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4 [?]	1:A:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4 [?]	1:A:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4 [?]	1:A:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4 [?]	1:A:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4 [?]	1:A:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4 [?]	1:A:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4 [?]	1:A:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4 [?]	1:A:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4 [?]	1:A:7:LYS:NZ	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C4'	1:A:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:11:ASN:CB	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C4'	1:A:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:19:ALA:CA	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C4'	1:A:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:A:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:CD	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:11:ASN:N	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C4'	1:B:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:20:THR:C	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C4'	1:B:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C4'	1:B:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:HH11	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:12:SER:CA	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C5	1:A:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:20:THR:HG1	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C5	1:A:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:A:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:NE	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:12:SER:O	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C5	1:B:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5	1:B:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ⁷	1:A:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ⁷	1:A:3:HIS:CA	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C5 ^γ	1:A:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:9:TRP:CA	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C5 ^γ	1:A:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5 ^γ	1:A:16:ARG:CD	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C5'	1:A:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:A:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:A:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:A:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:A:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:A:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:A:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:A:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:A:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:A:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:A:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:A:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:A:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:A:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:A:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:A:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:A:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:A:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:A:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:A:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:A:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:A:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:A:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:A:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:A:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:A:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:A:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:A:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:A:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:A:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:A:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:A:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:A:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:A:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:A:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:3:HIS:H	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C5'	1:B:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:9:TRP:CE3	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C5'	1:B:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:16:ARG:HH11	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C5'	1:B:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C5'	1:B:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:3:HIS:O	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C6	1:A:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:9:TRP:H	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C6	1:A:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:NE	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:A:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:7:LYS:CE	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C6	1:B:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:10:GLY:C	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C6	1:B:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:18:PRO:CA	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C6	1:B:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C6	1:B:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:7:LYS:HZ3	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C7	1:A:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:11:ASN:C	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C7	1:A:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:18:PRO:O	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C7	1:A:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:A:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:CA	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:11:ASN:HD21	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C7	1:B:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:19:ALA:N	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:C7	1:B:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:C7	1:B:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:H	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:11:ASN:OD1	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H1 [?]	1:A:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:20:THR:CG2	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H1 [?]	1:A:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:A:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:HH22	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:12:SER:HG	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H1 [?]	1:B:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H1 [?]	1:B:20:THR:OG1	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H2 [?]	1:A:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:O	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H2 [?]	1:A:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:CA	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:3:HIS:CE1	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H2 [?]	1:B:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:9:TRP:CD2	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H2 [?]	1:B:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:16:ARG:H	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H2 [?]	1:B:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:B:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 [?]	1:A:3:HIS:ND1	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H2''	1:A:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:9:TRP:CZ2	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H2''	1:A:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:HH22	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:A:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:7:LYS:CB	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H2''	1:B:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:9:TRP:NE1	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H2''	1:B:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:O	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H2 ^o	1:B:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 ^o	1:B:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 ^o	1:B:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 ^o	1:B:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 ^o	1:B:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 ^o	1:B:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 ^o	1:B:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 ^o	1:B:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 ^o	1:B:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 ^o	1:B:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 ^o	1:B:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 ^o	1:B:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 ^o	1:B:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 ^o	1:B:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 ^o	1:B:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 ^o	1:B:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 ^o	1:B:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 ^o	1:B:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 ^o	1:B:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 ^o	1:B:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 ^o	1:B:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H2 ^o	1:B:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:7:LYS:HZ1	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H3	1:A:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:10:GLY:N	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H3	1:A:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:18:PRO:CG	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H3	1:A:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:A:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:7:LYS:O	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:11:ASN:CG	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H3	1:B:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:19:ALA:CB	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H3	1:B:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3	1:B:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 [?]	1:A:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 [?]	1:A:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 [?]	1:A:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 [?]	1:A:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 [?]	1:A:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 [?]	1:A:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 [?]	1:A:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 [?]	1:A:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 [?]	1:A:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 [?]	1:A:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 [?]	1:A:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 [?]	1:A:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 [?]	1:A:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 [?]	1:A:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 [?]	1:A:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 [?]	1:A:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 [?]	1:A:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 [?]	1:A:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 [?]	1:A:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 [?]	1:A:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 [?]	1:A:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 [?]	1:A:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 [?]	1:A:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 [?]	1:A:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 [?]	1:A:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 [?]	1:A:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 [?]	1:A:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 [?]	1:A:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 [?]	1:A:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 [?]	1:A:8:ARG:CG	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H3 ⁷	1:A:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:11:ASN:ND2	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H3 ⁷	1:A:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:20:THR:CA	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H3 ⁷	1:A:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:A:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:8:ARG:HH12	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H3 ⁷	1:B:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:12:SER:CB	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H3 ⁷	1:B:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 ⁷	1:B:20:THR:N	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H3 [?]	1:B:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H3 [?]	1:B:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:NH1	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:12:SER:OG	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:A:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:3:HIS:CB	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H4 [?]	1:B:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:9:TRP:CB	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H4 [?]	1:B:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 [?]	1:B:16:ARG:CG	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H4 ⁷	1:B:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 ⁷	1:B:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 ⁷	1:B:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 ⁷	1:B:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 ⁷	1:B:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 ⁷	1:B:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 ⁷	1:B:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 ⁷	1:B:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 ⁷	1:B:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 ⁷	1:B:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 ⁷	1:B:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 ⁷	1:B:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 ⁷	1:B:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 ⁷	1:B:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 ⁷	1:B:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 ⁷	1:B:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 ⁷	1:B:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 ⁷	1:B:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 ⁷	1:B:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 ⁷	1:B:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 ⁷	1:B:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 ⁷	1:B:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 ⁷	1:B:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 ⁷	1:B:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 ⁷	1:B:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 ⁷	1:B:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 ⁷	1:B:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 ⁷	1:B:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 ⁷	1:B:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 ⁷	1:B:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 ⁷	1:B:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 ⁷	1:B:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 ⁷	1:B:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H4 ⁷	1:B:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:3:HIS:HD1	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H5 ⁷	1:A:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:9:TRP:CG	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H5 ⁷	1:A:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:A:16:ARG:HH12	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H5 ^γ	1:A:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ^γ	1:A:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ^γ	1:A:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ^γ	1:A:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ^γ	1:A:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ^γ	1:A:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ^γ	1:A:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ^γ	1:A:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ^γ	1:A:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ^γ	1:A:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ^γ	1:A:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ^γ	1:A:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ^γ	1:A:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ^γ	1:A:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ^γ	1:A:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ^γ	1:A:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ^γ	1:A:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ^γ	1:A:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ^γ	1:A:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ^γ	1:A:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ^γ	1:A:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ^γ	1:A:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ^γ	1:A:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ^γ	1:A:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ^γ	1:A:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ^γ	1:A:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ^γ	1:A:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ^γ	1:A:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ^γ	1:A:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ^γ	1:B:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ^γ	1:B:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ^γ	1:B:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ^γ	1:B:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ^γ	1:B:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ^γ	1:B:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ^γ	1:B:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ^γ	1:B:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ^γ	1:B:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ^γ	1:B:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ^γ	1:B:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ^γ	1:B:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ^γ	1:B:7:LYS:C	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H5 ⁷	1:B:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:9:TRP:HE1	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H5 ⁷	1:B:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5 ⁷	1:B:16:ARG:NH1	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H5'	1:B:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5'	1:B:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5'	1:B:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5'	1:B:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5'	1:B:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5'	1:B:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5'	1:B:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5'	1:B:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5'	1:B:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5'	1:B:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5'	1:B:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5'	1:B:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5'	1:B:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5'	1:B:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5'	1:B:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5'	1:B:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5'	1:B:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5'	1:B:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5'	1:B:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5'	1:B:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5'	1:B:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5'	1:B:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5'	1:B:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5'	1:B:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:7:LYS:CG	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H5''	1:A:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:10:GLY:CA	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H5''	1:A:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:18:PRO:CB	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H5''	1:A:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:A:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:7:LYS:N	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H5''	1:B:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:11:ASN:CA	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H5''	1:B:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:19:ALA:C	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H5''	1:B:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H5''	1:B:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:CB	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:11:ASN:HD22	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H6	1:A:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:19:ALA:O	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H6	1:A:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:A:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:HE	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:12:SER:C	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H6	1:B:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:20:THR:H	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H6	1:B:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H6	1:B:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:N	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:12:SER:N	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H71	1:A:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:A:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:3:HIS:C	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H71	1:B:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:9:TRP:C	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H71	1:B:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:CB	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H71	1:B:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:3:HIS:CG	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H72	1:A:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:9:TRP:CE2	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H72	1:A:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:HE	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:A:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:3:HIS:NE2	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H72	1:B:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:9:TRP:CZ3	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H72	1:B:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:N	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H72	1:B:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:7:LYS:CD	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H73	1:A:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:9:TRP:O	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H73	1:A:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:18:PRO:C	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H73	1:A:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:A:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:7:LYS:HZ2	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H73	1:B:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:10:GLY:O	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H73	1:B:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:18:PRO:N	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:H73	1:B:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:H73	1:B:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:C	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:11:ASN:H	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:N1	1:A:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:19:ALA:H	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:N1	1:A:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:A:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:CZ	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:11:ASN:O	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:N1	1:B:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:20:THR:CB	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:N1	1:B:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N1	1:B:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:HH21	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:12:SER:H	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:N3	1:A:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:A:20:THR:O	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:N3	1:A:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:NH2	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:C	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:N3	1:B:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:3:HIS:CD2	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:O2	1:A:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:9:TRP:CD1	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:O2	1:A:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:CZ	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:A:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:3:HIS:N	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:O2	1:B:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:9:TRP:CH2	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:O2	1:B:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:HH21	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O2	1:B:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:7:LYS:CA	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:O3'	1:A:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:9:TRP:N	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:O3'	1:A:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:NH2	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:A:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:7:LYS:H	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:O3'	1:B:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:10:GLY:H	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:O3'	1:B:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:18:PRO:CD	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:O3'	1:B:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O3'	1:B:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:7:LYS:NZ	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:O4	1:A:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:11:ASN:CB	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:O4	1:A:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:19:ALA:CA	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:O4	1:A:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:A:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:CD	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:11:ASN:N	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:O4	1:B:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:20:THR:C	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:O4	1:B:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4	1:B:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4 ⁷	1:A:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4 ⁷	1:A:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4 ⁷	1:A:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4 ⁷	1:A:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4 ⁷	1:A:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4 ⁷	1:A:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4 ⁷	1:A:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4 ⁷	1:A:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4 ⁷	1:A:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4 ⁷	1:A:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4 ⁷	1:A:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4 ⁷	1:A:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4 ⁷	1:A:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4 ⁷	1:A:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4 ⁷	1:A:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4 ⁷	1:A:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4 ⁷	1:A:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4 ⁷	1:A:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4 ⁷	1:A:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4 ⁷	1:A:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4 ⁷	1:A:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4 ⁷	1:A:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4 ⁷	1:A:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4 ⁷	1:A:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4 ⁷	1:A:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4 ⁷	1:A:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4 ⁷	1:A:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4 ⁷	1:A:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4 ⁷	1:A:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4 ⁷	1:A:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4 ⁷	1:A:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4 ⁷	1:A:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4 ⁷	1:A:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4 ⁷	1:A:8:ARG:HH11	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:O4'	1:A:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:12:SER:CA	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:O4'	1:A:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:20:THR:HG1	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:O4'	1:A:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:A:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:NE	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:12:SER:O	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:O4'	1:B:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O4'	1:B:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:3:HIS:CA	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:O5'	1:A:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:9:TRP:CA	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:O5'	1:A:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:CD	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:A:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:3:HIS:H	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:O5'	1:B:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:9:TRP:CE3	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:O5'	1:B:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:HH11	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:O5'	1:B:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:3:HIS:O	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:OP1	1:A:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:9:TRP:H	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:OP1	1:A:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:NE	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:A:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:7:LYS:CE	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:OP1	1:B:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:10:GLY:C	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:OP1	1:B:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:18:PRO:CA	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:OP1	1:B:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP1	1:B:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:7:LYS:HZ3	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:OP2	1:A:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:11:ASN:C	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:OP2	1:A:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:18:PRO:O	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:OP2	1:A:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:A:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:CA	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:11:ASN:HD21	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:OP2	1:B:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:19:ALA:N	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:OP2	1:B:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:OP2	1:B:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:8:ARG:H	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:P	1:A:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:8:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:11:ASN:OD1	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:P	1:A:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:12:SER:HG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:20:THR:CG2	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:P	1:A:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:A:20:THR:OG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:3:HIS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:3:HIS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:3:HIS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:3:HIS:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:3:HIS:CE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:3:HIS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:3:HIS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:3:HIS:HD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:3:HIS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:3:HIS:ND1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:3:HIS:NE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:3:HIS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:7:LYS:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:7:LYS:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:7:LYS:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:7:LYS:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:7:LYS:CE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:7:LYS:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:7:LYS:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:7:LYS:HZ1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:7:LYS:HZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:7:LYS:HZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:7:LYS:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:7:LYS:NZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:7:LYS:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:8:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:8:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:8:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:8:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:8:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:8:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:8:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:8:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:8:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:8:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:8:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:8:ARG:HH22	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:P	1:B:8:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:8:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:8:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:8:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:8:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:9:TRP:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:9:TRP:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:9:TRP:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:9:TRP:CD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:9:TRP:CD2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:9:TRP:CE2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:9:TRP:CE3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:9:TRP:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:9:TRP:CH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:9:TRP:CZ2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:9:TRP:CZ3	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:9:TRP:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:9:TRP:HE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:9:TRP:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:9:TRP:NE1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:9:TRP:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:10:GLY:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:10:GLY:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:10:GLY:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:10:GLY:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:10:GLY:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:11:ASN:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:11:ASN:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:11:ASN:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:11:ASN:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:11:ASN:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:11:ASN:HD21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:11:ASN:HD22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:11:ASN:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:11:ASN:ND2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:11:ASN:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:11:ASN:OD1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:12:SER:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:12:SER:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:12:SER:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:12:SER:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:12:SER:HG	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,34)	3:Y:11:DT:P	1:B:12:SER:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:12:SER:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:12:SER:OG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:16:ARG:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:16:ARG:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:16:ARG:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:16:ARG:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:16:ARG:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:16:ARG:CZ	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:16:ARG:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:16:ARG:HE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:16:ARG:HH11	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:16:ARG:HH12	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:16:ARG:HH21	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:16:ARG:HH22	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:16:ARG:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:16:ARG:NE	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:16:ARG:NH1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:16:ARG:NH2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:16:ARG:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:18:PRO:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:18:PRO:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:18:PRO:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:18:PRO:CD	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:18:PRO:CG	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:18:PRO:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:18:PRO:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:19:ALA:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:19:ALA:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:19:ALA:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:19:ALA:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:19:ALA:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:19:ALA:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:20:THR:C	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:20:THR:CA	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:20:THR:CB	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:20:THR:CG2	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:20:THR:H	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:20:THR:HG1	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:20:THR:N	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:20:THR:O	7	0.8	0.51	0.68
(1,34)	3:Y:11:DT:P	1:B:20:THR:OG1	7	0.8	0.51	0.68

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C1 ³	1:A:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:8:ARG:O	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C1 ³	1:A:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:A:16:ARG:CA	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C1 [?]	1:A:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:A:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:A:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:A:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:A:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:A:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:A:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:A:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:A:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:A:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:A:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:A:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:A:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:A:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:A:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:A:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:A:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:A:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:A:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:A:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:A:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:A:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:A:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:A:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:A:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:A:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:A:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:A:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:A:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:A:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:A:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:A:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:A:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:A:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:A:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:A:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:A:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:B:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:B:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:B:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:B:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:B:3:HIS:CE1	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C1 ³	1:B:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:9:TRP:CD2	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C1 [?]	1:B:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:B:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:B:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:B:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:B:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:B:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:B:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:B:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:B:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:B:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:B:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:B:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:B:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:B:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:B:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:B:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:B:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:B:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:B:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:B:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:B:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:B:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:B:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:B:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:B:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:B:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:B:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:B:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:B:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:B:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:B:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:B:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:B:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:B:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:B:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:B:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:B:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:B:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:B:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:B:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:B:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 [?]	1:B:16:ARG:H	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C1 ³	1:B:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C1 ³	1:B:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:3:HIS:ND1	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C2	1:A:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:9:TRP:CZ2	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C2	1:A:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:16:ARG:HH22	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C2	1:A:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:A:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:7:LYS:CB	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C2	1:B:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:9:TRP:NE1	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C2	1:B:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:16:ARG:O	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C2	1:B:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2	1:B:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:7:LYS:HZ1	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C2 ⁷	1:A:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ⁷	1:A:10:GLY:N	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C2'	1:A:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:18:PRO:CG	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C2'	1:A:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:A:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:7:LYS:O	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:11:ASN:CG	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C2'	1:B:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2'	1:B:19:ALA:CB	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C2 ³	1:B:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ³	1:B:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ³	1:B:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ³	1:B:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ³	1:B:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ³	1:B:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ³	1:B:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ³	1:B:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ³	1:B:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ³	1:B:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ³	1:B:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C2 ³	1:B:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ³	1:A:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ³	1:A:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ³	1:A:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ³	1:A:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ³	1:A:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ³	1:A:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ³	1:A:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ³	1:A:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ³	1:A:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ³	1:A:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ³	1:A:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ³	1:A:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ³	1:A:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ³	1:A:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ³	1:A:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ³	1:A:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ³	1:A:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ³	1:A:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ³	1:A:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ³	1:A:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ³	1:A:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ³	1:A:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ³	1:A:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ³	1:A:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ³	1:A:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ³	1:A:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ³	1:A:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ³	1:A:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ³	1:A:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ³	1:A:8:ARG:CG	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C3 ⁷	1:A:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:11:ASN:ND2	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C3 ⁷	1:A:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:20:THR:CA	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C3 ⁷	1:A:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:A:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:8:ARG:HH12	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C3 ⁷	1:B:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:12:SER:CB	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C3 ⁷	1:B:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3 ⁷	1:B:20:THR:N	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C3'	1:B:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C3'	1:B:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:8:ARG:NH1	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C4	1:A:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:12:SER:OG	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C4	1:A:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:A:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:3:HIS:CB	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C4	1:B:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:9:TRP:CB	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C4	1:B:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:16:ARG:CG	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C4	1:B:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4	1:B:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4 ⁷	1:A:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4 ⁷	1:A:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4 ⁷	1:A:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4 ⁷	1:A:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4 ⁷	1:A:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4 ⁷	1:A:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4 ⁷	1:A:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4 ⁷	1:A:3:HIS:HD1	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C4'	1:A:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:9:TRP:CG	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C4'	1:A:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:HH12	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:A:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:7:LYS:C	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C4'	1:B:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:9:TRP:HE1	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C4'	1:B:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:NH1	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C4'	1:B:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:7:LYS:CG	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C5	1:A:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:10:GLY:CA	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C5	1:A:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:18:PRO:CB	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C5	1:A:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:A:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:7:LYS:N	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C5	1:B:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:11:ASN:CA	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C5	1:B:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:19:ALA:C	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C5	1:B:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5	1:B:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:8:ARG:CB	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C5 ⁷	1:A:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:11:ASN:HD22	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C5 ⁷	1:A:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:19:ALA:O	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C5 ⁷	1:A:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:A:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:8:ARG:HE	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C5 ⁷	1:B:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:12:SER:C	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C5 ⁷	1:B:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5 ⁷	1:B:20:THR:H	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C5'	1:B:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5'	1:B:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5'	1:B:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C5'	1:B:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:8:ARG:N	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C6	1:A:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:12:SER:N	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C6	1:A:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:A:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:3:HIS:C	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C6	1:B:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:9:TRP:C	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C6	1:B:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:16:ARG:CB	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C6	1:B:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C6	1:B:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:3:HIS:CG	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C8	1:A:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:9:TRP:CE2	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C8	1:A:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:16:ARG:HE	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C8	1:A:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:A:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:3:HIS:NE2	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C8	1:B:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:9:TRP:CZ3	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C8	1:B:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:16:ARG:N	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:C8	1:B:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:C8	1:B:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:7:LYS:CD	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H1 [?]	1:A:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:9:TRP:O	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H1 [?]	1:A:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:18:PRO:C	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H1 [?]	1:A:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:A:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:7:LYS:HZ2	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H1 [?]	1:B:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:10:GLY:O	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H1 [?]	1:B:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1 [?]	1:B:18:PRO:N	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H1'	1:B:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1'	1:B:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1'	1:B:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1'	1:B:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1'	1:B:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1'	1:B:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1'	1:B:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1'	1:B:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1'	1:B:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1'	1:B:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1'	1:B:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1'	1:B:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1'	1:B:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1'	1:B:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1'	1:B:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H1'	1:B:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:8:ARG:C	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H2	1:A:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:11:ASN:H	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H2	1:A:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:19:ALA:H	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H2	1:A:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:A:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:8:ARG:CZ	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H2	1:B:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:11:ASN:O	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H2	1:B:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:20:THR:CB	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H2	1:B:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2	1:B:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:HH21	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:12:SER:H	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H2 [?]	1:A:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:20:THR:O	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H2 [?]	1:A:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:NH2	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:C	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:B:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 [?]	1:A:3:HIS:CD2	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H2 ^o	1:A:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:9:TRP:CD1	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H2 ^o	1:A:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:16:ARG:CZ	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H2 ^o	1:A:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:A:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:3:HIS:N	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H2 ^o	1:B:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:9:TRP:CH2	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H2''	1:B:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2''	1:B:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2''	1:B:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2''	1:B:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2''	1:B:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2''	1:B:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2''	1:B:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2''	1:B:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2''	1:B:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2''	1:B:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2''	1:B:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2''	1:B:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2''	1:B:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2''	1:B:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2''	1:B:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2''	1:B:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2''	1:B:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2''	1:B:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2''	1:B:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2''	1:B:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2''	1:B:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2''	1:B:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2''	1:B:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2''	1:B:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2''	1:B:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2''	1:B:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2''	1:B:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2''	1:B:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2''	1:B:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2''	1:B:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2''	1:B:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2''	1:B:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2''	1:B:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2''	1:B:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2''	1:B:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2''	1:B:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2''	1:B:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2''	1:B:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2''	1:B:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2''	1:B:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2''	1:B:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2''	1:B:16:ARG:HH21	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H2 ^o	1:B:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H2 ^o	1:B:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ^o	1:A:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ^o	1:A:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ^o	1:A:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ^o	1:A:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ^o	1:A:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ^o	1:A:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ^o	1:A:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ^o	1:A:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ^o	1:A:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ^o	1:A:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ^o	1:A:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ^o	1:A:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ^o	1:A:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ^o	1:A:7:LYS:CA	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H3 ⁷	1:A:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:9:TRP:N	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H3 ⁷	1:A:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:A:16:ARG:NH2	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H3 [?]	1:A:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:A:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:A:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:A:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:A:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:A:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:A:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:A:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:A:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:A:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:A:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:A:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:A:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:A:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:A:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:A:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:A:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:A:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:A:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:A:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:A:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:A:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:A:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:B:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:B:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:B:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:B:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:B:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:B:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:B:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:B:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:B:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:B:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:B:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:B:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:B:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:B:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:B:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:B:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:B:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:B:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:B:7:LYS:H	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H3 ⁷	1:B:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:10:GLY:H	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H3 ⁷	1:B:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 ⁷	1:B:18:PRO:CD	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H3 [?]	1:B:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:B:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:B:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:B:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:B:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:B:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:B:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:B:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:B:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:B:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:B:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:B:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:B:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:B:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:B:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:B:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:B:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H3 [?]	1:B:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:7:LYS:NZ	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H4 [?]	1:A:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:11:ASN:CB	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H4 [?]	1:A:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:19:ALA:CA	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H4 [?]	1:A:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:A:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:CD	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:11:ASN:N	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H4 [?]	1:B:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 [?]	1:B:20:THR:C	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H4 ⁷	1:B:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 ⁷	1:B:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 ⁷	1:B:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 ⁷	1:B:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 ⁷	1:B:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 ⁷	1:B:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 ⁷	1:B:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H4 ⁷	1:B:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:8:ARG:HH11	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H5 ⁷	1:A:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:12:SER:CA	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H5 ⁷	1:A:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:20:THR:HG1	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H5 ⁷	1:A:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:8:ARG:NE	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H5 ⁷	1:B:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:12:SER:O	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H5 ⁷	1:B:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:B:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:3:HIS:CA	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H5 ⁷	1:A:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ⁷	1:A:9:TRP:CA	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H5 ^{??}	1:A:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:16:ARG:CD	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H5 ^{??}	1:A:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:A:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:B:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:B:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:B:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:B:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:B:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:B:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5 ^{??}	1:B:3:HIS:H	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H5''	1:B:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:9:TRP:CE3	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H5''	1:B:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:HH11	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H5''	1:B:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:3:HIS:O	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H61	1:A:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:9:TRP:H	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H61	1:A:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:16:ARG:NE	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H61	1:A:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:A:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:7:LYS:CE	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H61	1:B:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:10:GLY:C	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H61	1:B:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:18:PRO:CA	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H61	1:B:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H61	1:B:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:7:LYS:HZ3	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H62	1:A:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:11:ASN:C	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H62	1:A:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:18:PRO:O	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H62	1:A:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:A:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:8:ARG:CA	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H62	1:B:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:11:ASN:HD21	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H62	1:B:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:19:ALA:N	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H62	1:B:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H62	1:B:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:8:ARG:H	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H8	1:A:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:11:ASN:OD1	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H8	1:A:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:20:THR:CG2	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H8	1:A:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:A:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:8:ARG:HH22	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H8	1:B:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:12:SER:HG	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:H8	1:B:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:H8	1:B:20:THR:OG1	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:N1	1:A:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:8:ARG:O	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:N1	1:A:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:16:ARG:CA	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:N1	1:A:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:A:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:3:HIS:CE1	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:N1	1:B:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:9:TRP:CD2	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:N1	1:B:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:16:ARG:H	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:N1	1:B:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N1	1:B:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:3:HIS:ND1	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:N3	1:A:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:9:TRP:CZ2	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:N3	1:A:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:16:ARG:HH22	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:N3	1:A:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:A:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:7:LYS:CB	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:N3	1:B:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:9:TRP:NE1	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:N3	1:B:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:16:ARG:O	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:N3	1:B:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N3	1:B:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:7:LYS:HZ1	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:N6	1:A:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:10:GLY:N	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:N6	1:A:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:18:PRO:CG	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:N6	1:A:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:A:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:7:LYS:O	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:N6	1:B:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:11:ASN:CG	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:N6	1:B:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:19:ALA:CB	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:N6	1:B:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N6	1:B:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:8:ARG:CG	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:N7	1:A:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:11:ASN:ND2	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:N7	1:A:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:20:THR:CA	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:N7	1:A:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:A:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:8:ARG:HH12	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:N7	1:B:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:12:SER:CB	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:N7	1:B:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:20:THR:N	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:N7	1:B:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N7	1:B:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:8:ARG:NH1	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:N9	1:A:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:12:SER:OG	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:N9	1:A:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:A:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:3:HIS:CB	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:N9	1:B:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:9:TRP:CB	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:N9	1:B:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:16:ARG:CG	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:N9	1:B:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:N9	1:B:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:3:HIS:HD1	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:O3 ⁷	1:A:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:9:TRP:CG	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:O3 ⁷	1:A:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:16:ARG:HH12	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:O3 ⁷	1:A:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:A:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:7:LYS:C	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:O3 ⁷	1:B:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:9:TRP:HE1	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:O3 ⁷	1:B:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3 ⁷	1:B:16:ARG:NH1	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:O3'	1:B:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3'	1:B:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3'	1:B:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3'	1:B:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3'	1:B:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3'	1:B:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3'	1:B:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3'	1:B:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3'	1:B:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3'	1:B:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3'	1:B:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3'	1:B:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3'	1:B:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3'	1:B:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3'	1:B:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3'	1:B:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3'	1:B:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3'	1:B:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3'	1:B:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3'	1:B:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3'	1:B:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3'	1:B:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3'	1:B:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O3'	1:B:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:7:LYS:CG	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:O4'	1:A:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:10:GLY:CA	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:O4'	1:A:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:18:PRO:CB	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:O4'	1:A:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:A:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:7:LYS:N	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:O4'	1:B:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:11:ASN:CA	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:O4'	1:B:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:19:ALA:C	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:O4'	1:B:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O4'	1:B:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5'	1:A:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5'	1:A:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5'	1:A:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5'	1:A:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5'	1:A:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5'	1:A:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5'	1:A:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5'	1:A:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5'	1:A:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5'	1:A:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5'	1:A:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5'	1:A:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5'	1:A:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5'	1:A:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5'	1:A:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5'	1:A:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5'	1:A:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5'	1:A:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5'	1:A:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5'	1:A:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5'	1:A:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5'	1:A:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5'	1:A:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5'	1:A:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5'	1:A:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5'	1:A:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5'	1:A:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5'	1:A:8:ARG:CB	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:O5 ⁷	1:A:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:11:ASN:HD22	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:O5 ⁷	1:A:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:19:ALA:O	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:O5 ⁷	1:A:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:A:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:8:ARG:HE	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:O5 ⁷	1:B:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:12:SER:C	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:O5 ⁷	1:B:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5 ⁷	1:B:20:THR:H	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:O5'	1:B:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5'	1:B:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5'	1:B:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:O5'	1:B:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:N	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:12:SER:N	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:OP1	1:A:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:A:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:3:HIS:C	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:OP1	1:B:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:9:TRP:C	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:OP1	1:B:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:CB	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP1	1:B:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:3:HIS:CG	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:OP2	1:A:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:9:TRP:CE2	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:OP2	1:A:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:HE	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:A:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:3:HIS:NE2	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:OP2	1:B:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:9:TRP:CZ3	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:OP2	1:B:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:N	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:OP2	1:B:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:7:LYS:CD	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:P	1:A:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:7:LYS:HZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:9:TRP:O	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:P	1:A:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:10:GLY:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:18:PRO:C	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:P	1:A:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:18:PRO:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:A:20:THR:OG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:3:HIS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:3:HIS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:3:HIS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:3:HIS:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:3:HIS:CE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:3:HIS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:3:HIS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:3:HIS:HD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:3:HIS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:3:HIS:ND1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:3:HIS:NE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:3:HIS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:7:LYS:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:7:LYS:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:7:LYS:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:7:LYS:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:7:LYS:CE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:7:LYS:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:7:LYS:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:7:LYS:HZ1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:7:LYS:HZ2	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:P	1:B:7:LYS:HZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:7:LYS:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:7:LYS:NZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:7:LYS:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:8:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:8:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:8:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:8:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:8:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:8:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:8:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:8:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:8:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:8:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:8:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:8:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:8:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:8:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:8:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:8:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:8:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:9:TRP:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:9:TRP:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:9:TRP:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:9:TRP:CD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:9:TRP:CD2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:9:TRP:CE2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:9:TRP:CE3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:9:TRP:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:9:TRP:CH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:9:TRP:CZ2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:9:TRP:CZ3	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:9:TRP:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:9:TRP:HE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:9:TRP:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:9:TRP:NE1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:9:TRP:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:10:GLY:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:10:GLY:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:10:GLY:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:10:GLY:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:10:GLY:O	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:P	1:B:11:ASN:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:11:ASN:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:11:ASN:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:11:ASN:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:11:ASN:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:11:ASN:HD21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:11:ASN:HD22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:11:ASN:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:11:ASN:ND2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:11:ASN:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:11:ASN:OD1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:12:SER:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:12:SER:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:12:SER:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:12:SER:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:12:SER:HG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:12:SER:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:12:SER:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:12:SER:OG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:16:ARG:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:16:ARG:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:16:ARG:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:16:ARG:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:16:ARG:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:16:ARG:CZ	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:16:ARG:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:16:ARG:HE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:16:ARG:HH11	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:16:ARG:HH12	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:16:ARG:HH21	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:16:ARG:HH22	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:16:ARG:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:16:ARG:NE	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:16:ARG:NH1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:16:ARG:NH2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:16:ARG:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:18:PRO:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:18:PRO:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:18:PRO:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:18:PRO:CD	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:18:PRO:CG	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:18:PRO:N	6	1.11	0.33	1.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,27)	2:X:11:DA:P	1:B:18:PRO:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:19:ALA:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:19:ALA:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:19:ALA:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:19:ALA:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:19:ALA:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:19:ALA:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:20:THR:C	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:20:THR:CA	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:20:THR:CB	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:20:THR:CG2	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:20:THR:H	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:20:THR:HG1	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:20:THR:N	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:20:THR:O	6	1.11	0.33	1.15
(1,27)	2:X:11:DA:P	1:B:20:THR:OG1	6	1.11	0.33	1.15
(1,8)	1:A:18:PRO:C	2:X:3:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:3:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:3:DT:C2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:3:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:3:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:3:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:3:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:3:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:3:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:3:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:3:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:3:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:3:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:3:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:3:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:3:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:3:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:3:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:3:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:3:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:3:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:3:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:3:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:3:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:3:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:3:DT:O3'	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:C	2:X:3:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:3:DT:O4 [?]	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:3:DT:O5 [?]	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:3:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:3:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:3:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:4:DG:C1 [?]	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:4:DG:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:4:DG:C2 [?]	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:4:DG:C3 [?]	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:4:DG:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:4:DG:C4 [?]	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:4:DG:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:4:DG:C5 [?]	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:4:DG:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:4:DG:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:4:DG:H1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:4:DG:H1 [?]	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:4:DG:H2 [?]	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:4:DG:H2 ^{??}	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:4:DG:H21	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:4:DG:H22	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:4:DG:H3 [?]	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:4:DG:H4 [?]	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:4:DG:H5 [?]	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:4:DG:H5 ^{??}	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:4:DG:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:4:DG:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:4:DG:N2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:4:DG:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:4:DG:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:4:DG:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:4:DG:O3 [?]	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:4:DG:O4 [?]	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:4:DG:O5 [?]	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:4:DG:O6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:4:DG:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:4:DG:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:4:DG:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:5:DA:C1 [?]	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:5:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:5:DA:C2 [?]	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:C	2:X:5:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:5:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:5:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:5:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:5:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:5:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:5:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:5:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:5:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:5:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:5:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:5:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:5:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:5:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:5:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:5:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:5:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:5:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:5:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:5:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:5:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:5:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:5:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:5:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:5:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:5:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:5:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:5:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:5:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:6:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:6:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:6:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:6:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:6:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:6:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:6:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:6:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:6:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:6:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:6:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:6:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:6:DT:H2''	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:C	2:X:6:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:6:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:6:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:6:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:6:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:6:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:6:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:6:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:6:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:6:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:6:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:6:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:6:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:6:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:6:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:6:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:6:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:6:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:6:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:7:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:7:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:7:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:7:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:7:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:7:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:7:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:7:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:7:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:7:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:7:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:7:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:7:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:7:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:7:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:7:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:7:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:7:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:7:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:7:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:7:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:7:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:7:DA:N3	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:C	2:X:7:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:7:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:7:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:7:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:7:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:7:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:7:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:7:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:7:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:8:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:8:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:8:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:8:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:8:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:8:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:8:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:8:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:8:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:8:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:8:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:8:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:8:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:8:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:8:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:8:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:8:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:8:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:8:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:8:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:8:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:8:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:8:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:8:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:8:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:8:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:8:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:8:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:8:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:8:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:8:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:8:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:9:DA:C1'	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:C	2:X:9:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:9:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:9:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:9:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:9:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:9:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:9:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:9:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:9:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:9:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:9:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:9:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:9:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:9:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:9:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:9:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:9:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:9:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:9:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:9:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:9:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:9:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:9:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:9:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:9:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:9:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:9:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:9:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:9:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:9:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:9:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:10:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:10:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:10:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:10:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:10:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:10:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:10:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:10:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:10:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:10:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:10:DT:H1'	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:C	2:X:10:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:10:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:10:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:10:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:10:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:10:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:10:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:10:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:10:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:10:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:10:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:10:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:10:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:10:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:10:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:10:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:10:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:10:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:10:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:10:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:10:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:11:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:11:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:11:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:11:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:11:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:11:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:11:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:11:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:11:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:11:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:11:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:11:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:11:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:11:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:11:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:11:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:11:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:11:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:11:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:11:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:11:DA:H8	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:C	2:X:11:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:11:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:11:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:11:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:11:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:11:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:11:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:11:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:11:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:11:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:11:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:12:DG:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:12:DG:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:12:DG:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:12:DG:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:12:DG:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:12:DG:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:12:DG:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:12:DG:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:12:DG:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:12:DG:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:12:DG:H1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:12:DG:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:12:DG:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:12:DG:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:12:DG:H21	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:12:DG:H22	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:12:DG:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:12:DG:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:12:DG:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:12:DG:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:12:DG:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:12:DG:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:12:DG:N2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:12:DG:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:12:DG:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:12:DG:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:12:DG:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:12:DG:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:12:DG:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:12:DG:O6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:12:DG:OP1	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:C	2:X:12:DG:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:12:DG:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:13:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:13:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:13:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:13:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:13:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:13:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:13:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:13:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:13:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:13:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:13:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:13:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:13:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:13:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:13:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:13:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:13:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:13:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:13:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:13:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:13:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:13:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:13:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:13:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:13:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:13:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:13:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:13:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:13:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:13:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:13:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	2:X:13:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:3:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:3:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:3:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:3:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:3:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:3:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:3:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:3:DA:C5'	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:C	3:Y:3:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:3:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:3:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:3:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:3:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:3:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:3:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:3:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:3:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:3:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:3:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:3:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:3:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:3:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:3:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:3:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:3:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:3:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:3:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:3:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:3:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:3:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:3:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:3:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:4:DC:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:4:DC:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:4:DC:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:4:DC:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:4:DC:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:4:DC:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:4:DC:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:4:DC:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:4:DC:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:4:DC:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:4:DC:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:4:DC:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:4:DC:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:4:DC:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:4:DC:H41	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:4:DC:H42	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:4:DC:H5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:4:DC:H5'	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:C	3:Y:4:DC:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:4:DC:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:4:DC:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:4:DC:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:4:DC:N4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:4:DC:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:4:DC:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:4:DC:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:4:DC:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:4:DC:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:4:DC:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:4:DC:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:5:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:5:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:5:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:5:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:5:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:5:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:5:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:5:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:5:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:5:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:5:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:5:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:5:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:5:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:5:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:5:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:5:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:5:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:5:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:5:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:5:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:5:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:5:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:5:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:5:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:5:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:5:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:5:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:5:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:5:DT:OP1	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:C	3:Y:5:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:5:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:6:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:6:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:6:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:6:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:6:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:6:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:6:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:6:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:6:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:6:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:6:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:6:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:6:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:6:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:6:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:6:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:6:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:6:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:6:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:6:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:6:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:6:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:6:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:6:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:6:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:6:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:6:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:6:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:6:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:6:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:6:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:6:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:7:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:7:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:7:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:7:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:7:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:7:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:7:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:7:DT:C5'	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:C	3:Y:7:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:7:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:7:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:7:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:7:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:7:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:7:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:7:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:7:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:7:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:7:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:7:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:7:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:7:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:7:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:7:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:7:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:7:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:7:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:7:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:7:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:7:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:7:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:7:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:8:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:8:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:8:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:8:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:8:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:8:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:8:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:8:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:8:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:8:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:8:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:8:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:8:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:8:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:8:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:8:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:8:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:8:DA:H5''	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:C	3:Y:8:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:8:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:8:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:8:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:8:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:8:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:8:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:8:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:8:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:8:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:8:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:8:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:8:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:8:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:9:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:9:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:9:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:9:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:9:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:9:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:9:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:9:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:9:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:9:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:9:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:9:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:9:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:9:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:9:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:9:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:9:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:9:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:9:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:9:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:9:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:9:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:9:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:9:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:9:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:9:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:9:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:9:DT:O4'	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:C	3:Y:9:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:9:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:9:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:9:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:10:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:10:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:10:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:10:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:10:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:10:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:10:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:10:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:10:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:10:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:10:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:10:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:10:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:10:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:10:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:10:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:10:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:10:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:10:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:10:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:10:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:10:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:10:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:10:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:10:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:10:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:10:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:10:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:10:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:10:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:10:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:10:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:11:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:11:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:11:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:11:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:11:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:11:DT:C4'	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:C	3:Y:11:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:11:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:11:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:11:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:11:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:11:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:11:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:11:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:11:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:11:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:11:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:11:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:11:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:11:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:11:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:11:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:11:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:11:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:11:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:11:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:11:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:11:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:11:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:11:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:11:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:11:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:12:DC:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:12:DC:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:12:DC:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:12:DC:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:12:DC:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:12:DC:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:12:DC:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:12:DC:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:12:DC:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:12:DC:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:12:DC:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:12:DC:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:12:DC:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:12:DC:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:12:DC:H41	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:12:DC:H42	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:C	3:Y:12:DC:H5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:12:DC:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:12:DC:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:12:DC:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:12:DC:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:12:DC:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:12:DC:N4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:12:DC:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:12:DC:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:12:DC:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:12:DC:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:12:DC:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:12:DC:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:12:DC:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:13:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:13:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:13:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:13:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:13:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:13:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:13:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:13:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:13:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:13:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:13:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:13:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:13:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:13:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:13:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:13:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:13:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:13:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:13:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:13:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:13:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:13:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:13:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:13:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:13:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:13:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:13:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:13:DA:O4'	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:C	3:Y:13:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:13:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:13:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:C	3:Y:13:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:3:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:3:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:3:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:3:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:3:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:3:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:3:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:3:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:3:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:3:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:3:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:3:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:3:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:3:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:3:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:3:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:3:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:3:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:3:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:3:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:3:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:3:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:3:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:3:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:3:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:3:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:3:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:3:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:3:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:3:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:3:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:3:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:4:DG:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:4:DG:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:4:DG:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:4:DG:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:4:DG:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:4:DG:C4'	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CA	2:X:4:DG:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:4:DG:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:4:DG:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:4:DG:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:4:DG:H1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:4:DG:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:4:DG:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:4:DG:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:4:DG:H21	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:4:DG:H22	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:4:DG:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:4:DG:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:4:DG:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:4:DG:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:4:DG:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:4:DG:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:4:DG:N2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:4:DG:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:4:DG:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:4:DG:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:4:DG:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:4:DG:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:4:DG:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:4:DG:O6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:4:DG:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:4:DG:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:4:DG:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:5:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:5:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:5:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:5:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:5:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:5:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:5:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:5:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:5:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:5:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:5:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:5:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:5:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:5:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:5:DA:H3'	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CA	2:X:5:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:5:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:5:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:5:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:5:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:5:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:5:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:5:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:5:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:5:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:5:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:5:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:5:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:5:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:5:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:5:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:5:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:6:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:6:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:6:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:6:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:6:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:6:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:6:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:6:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:6:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:6:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:6:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:6:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:6:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:6:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:6:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:6:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:6:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:6:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:6:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:6:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:6:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:6:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:6:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:6:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:6:DT:O2	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CA	2:X:6:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:6:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:6:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:6:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:6:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:6:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:6:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:7:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:7:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:7:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:7:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:7:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:7:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:7:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:7:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:7:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:7:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:7:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:7:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:7:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:7:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:7:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:7:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:7:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:7:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:7:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:7:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:7:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:7:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:7:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:7:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:7:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:7:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:7:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:7:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:7:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:7:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:7:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:7:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:8:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:8:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:8:DT:C2'	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CA	2:X:8:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:8:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:8:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:8:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:8:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:8:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:8:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:8:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:8:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:8:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:8:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:8:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:8:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:8:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:8:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:8:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:8:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:8:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:8:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:8:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:8:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:8:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:8:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:8:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:8:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:8:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:8:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:8:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:8:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:9:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:9:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:9:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:9:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:9:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:9:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:9:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:9:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:9:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:9:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:9:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:9:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:9:DA:H2'	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CA	2:X:9:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:9:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:9:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:9:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:9:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:9:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:9:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:9:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:9:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:9:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:9:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:9:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:9:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:9:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:9:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:9:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:9:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:9:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:9:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:10:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:10:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:10:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:10:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:10:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:10:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:10:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:10:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:10:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:10:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:10:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:10:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:10:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:10:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:10:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:10:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:10:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:10:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:10:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:10:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:10:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:10:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:10:DT:N1	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CA	2:X:10:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:10:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:10:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:10:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:10:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:10:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:10:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:10:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:10:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:11:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:11:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:11:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:11:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:11:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:11:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:11:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:11:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:11:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:11:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:11:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:11:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:11:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:11:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:11:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:11:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:11:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:11:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:11:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:11:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:11:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:11:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:11:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:11:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:11:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:11:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:11:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:11:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:11:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:11:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:11:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:11:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:12:DG:C1'	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CA	2:X:12:DG:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:12:DG:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:12:DG:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:12:DG:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:12:DG:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:12:DG:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:12:DG:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:12:DG:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:12:DG:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:12:DG:H1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:12:DG:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:12:DG:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:12:DG:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:12:DG:H21	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:12:DG:H22	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:12:DG:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:12:DG:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:12:DG:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:12:DG:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:12:DG:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:12:DG:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:12:DG:N2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:12:DG:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:12:DG:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:12:DG:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:12:DG:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:12:DG:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:12:DG:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:12:DG:O6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:12:DG:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:12:DG:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:12:DG:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:13:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:13:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:13:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:13:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:13:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:13:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:13:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:13:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:13:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:13:DT:C7	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CA	2:X:13:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:13:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:13:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:13:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:13:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:13:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:13:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:13:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:13:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:13:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:13:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:13:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:13:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:13:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:13:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:13:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:13:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:13:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:13:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:13:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:13:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	2:X:13:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:H62	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:H41	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:H42	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:H5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:N4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:P	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:C8	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:H71	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:OP1	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:C5'	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:H5''	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:H41	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:H42	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:H5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:N4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:OP1	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:3:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:3:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:3:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:3:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:3:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:3:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:3:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:3:DT:C5'	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CB	2:X:3:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:3:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:3:DT:H1 ⁷	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:3:DT:H2 ⁷	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:3:DT:H2 ⁷	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:3:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:3:DT:H3 ⁷	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:3:DT:H4 ⁷	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:3:DT:H5 ⁷	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:3:DT:H5 ⁷	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:3:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:3:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:3:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:3:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:3:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:3:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:3:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:3:DT:O3 ⁷	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:3:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:3:DT:O4 ⁷	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:3:DT:O5 ⁷	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:3:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:3:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:3:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:4:DG:C1 ⁷	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:4:DG:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:4:DG:C2 ⁷	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:4:DG:C3 ⁷	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:4:DG:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:4:DG:C4 ⁷	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:4:DG:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:4:DG:C5 ⁷	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:4:DG:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:4:DG:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:4:DG:H1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:4:DG:H1 ⁷	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:4:DG:H2 ⁷	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:4:DG:H2 ⁷	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:4:DG:H21	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:4:DG:H22	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:4:DG:H3 ⁷	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:4:DG:H4 ⁷	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CB	2:X:4:DG:H5 ⁷	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:4:DG:H5 ⁷	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:4:DG:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:4:DG:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:4:DG:N2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:4:DG:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:4:DG:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:4:DG:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:4:DG:O3 ⁷	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:4:DG:O4 ⁷	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:4:DG:O5 ⁷	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:4:DG:O6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:4:DG:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:4:DG:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:4:DG:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:5:DA:C1 ⁷	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:5:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:5:DA:C2 ⁷	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:5:DA:C3 ⁷	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:5:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:5:DA:C4 ⁷	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:5:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:5:DA:C5 ⁷	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:5:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:5:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:5:DA:H1 ⁷	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:5:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:5:DA:H2 ⁷	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:5:DA:H2 ⁷	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:5:DA:H3 ⁷	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:5:DA:H4 ⁷	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:5:DA:H5 ⁷	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:5:DA:H5 ⁷	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:5:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:5:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:5:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:5:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:5:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:5:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:5:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:5:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:5:DA:O3 ⁷	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CB	2:X:5:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:5:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:5:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:5:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:5:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:6:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:6:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:6:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:6:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:6:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:6:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:6:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:6:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:6:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:6:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:6:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:6:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:6:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:6:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:6:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:6:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:6:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:6:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:6:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:6:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:6:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:6:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:6:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:6:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:6:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:6:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:6:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:6:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:6:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:6:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:6:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:6:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:7:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:7:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:7:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:7:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:7:DA:C4	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CB	2:X:7:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:7:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:7:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:7:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:7:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:7:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:7:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:7:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:7:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:7:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:7:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:7:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:7:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:7:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:7:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:7:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:7:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:7:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:7:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:7:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:7:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:7:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:7:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:7:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:7:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:7:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:7:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:8:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:8:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:8:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:8:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:8:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:8:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:8:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:8:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:8:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:8:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:8:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:8:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:8:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:8:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:8:DT:H3'	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CB	2:X:8:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:8:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:8:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:8:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:8:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:8:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:8:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:8:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:8:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:8:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:8:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:8:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:8:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:8:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:8:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:8:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:8:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:9:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:9:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:9:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:9:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:9:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:9:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:9:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:9:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:9:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:9:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:9:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:9:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:9:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:9:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:9:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:9:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:9:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:9:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:9:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:9:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:9:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:9:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:9:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:9:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:9:DA:N7	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CB	2:X:9:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:9:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:9:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:9:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:9:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:9:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:9:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:10:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:10:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:10:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:10:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:10:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:10:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:10:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:10:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:10:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:10:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:10:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:10:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:10:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:10:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:10:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:10:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:10:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:10:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:10:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:10:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:10:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:10:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:10:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:10:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:10:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:10:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:10:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:10:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:10:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:10:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:10:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:10:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:11:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:11:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:11:DA:C2'	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CB	2:X:11:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:11:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:11:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:11:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:11:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:11:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:11:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:11:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:11:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:11:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:11:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:11:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:11:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:11:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:11:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:11:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:11:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:11:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:11:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:11:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:11:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:11:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:11:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:11:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:11:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:11:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:11:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:11:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:11:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:12:DG:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:12:DG:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:12:DG:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:12:DG:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:12:DG:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:12:DG:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:12:DG:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:12:DG:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:12:DG:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:12:DG:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:12:DG:H1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:12:DG:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:12:DG:H2'	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CB	2:X:12:DG:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:12:DG:H21	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:12:DG:H22	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:12:DG:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:12:DG:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:12:DG:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:12:DG:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:12:DG:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:12:DG:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:12:DG:N2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:12:DG:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:12:DG:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:12:DG:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:12:DG:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:12:DG:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:12:DG:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:12:DG:O6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:12:DG:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:12:DG:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:12:DG:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:13:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:13:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:13:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:13:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:13:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:13:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:13:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:13:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:13:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:13:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:13:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:13:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:13:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:13:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:13:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:13:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:13:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:13:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:13:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:13:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:13:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:13:DT:H73	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CB	2:X:13:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:13:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:13:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:13:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:13:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:13:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:13:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:13:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:13:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	2:X:13:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:P	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:H41	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:H42	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:H5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:N4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:H2'	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:N1	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:P	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:C7	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:H62	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:OP1	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:H41	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:H42	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:H5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:N4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:C8	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:3:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:3:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:3:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:3:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:3:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:3:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:3:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:3:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:3:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:3:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:3:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:3:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:3:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:3:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:3:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:3:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:3:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:3:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:3:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:3:DT:H71	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CD	2:X:3:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:3:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:3:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:3:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:3:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:3:DT:O3 [?]	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:3:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:3:DT:O4 [?]	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:3:DT:O5 [?]	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:3:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:3:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:3:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:4:DG:C1 [?]	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:4:DG:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:4:DG:C2 [?]	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:4:DG:C3 [?]	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:4:DG:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:4:DG:C4 [?]	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:4:DG:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:4:DG:C5 [?]	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:4:DG:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:4:DG:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:4:DG:H1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:4:DG:H1 [?]	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:4:DG:H2 [?]	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:4:DG:H2 [?]	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:4:DG:H21	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:4:DG:H22	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:4:DG:H3 [?]	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:4:DG:H4 [?]	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:4:DG:H5 [?]	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:4:DG:H5 [?]	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:4:DG:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:4:DG:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:4:DG:N2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:4:DG:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:4:DG:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:4:DG:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:4:DG:O3 [?]	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:4:DG:O4 [?]	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:4:DG:O5 [?]	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:4:DG:O6	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CD	2:X:4:DG:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:4:DG:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:4:DG:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:5:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:5:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:5:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:5:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:5:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:5:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:5:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:5:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:5:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:5:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:5:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:5:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:5:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:5:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:5:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:5:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:5:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:5:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:5:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:5:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:5:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:5:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:5:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:5:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:5:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:5:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:5:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:5:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:5:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:5:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:5:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:5:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:6:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:6:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:6:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:6:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:6:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:6:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:6:DT:C5	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CD	2:X:6:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:6:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:6:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:6:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:6:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:6:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:6:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:6:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:6:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:6:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:6:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:6:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:6:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:6:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:6:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:6:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:6:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:6:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:6:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:6:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:6:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:6:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:6:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:6:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:6:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:7:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:7:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:7:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:7:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:7:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:7:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:7:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:7:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:7:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:7:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:7:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:7:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:7:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:7:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:7:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:7:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:7:DA:H5'	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CD	2:X:7:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:7:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:7:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:7:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:7:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:7:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:7:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:7:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:7:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:7:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:7:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:7:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:7:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:7:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:7:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:8:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:8:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:8:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:8:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:8:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:8:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:8:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:8:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:8:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:8:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:8:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:8:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:8:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:8:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:8:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:8:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:8:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:8:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:8:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:8:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:8:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:8:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:8:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:8:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:8:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:8:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:8:DT:O4	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CD	2:X:8:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:8:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:8:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:8:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:8:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:9:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:9:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:9:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:9:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:9:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:9:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:9:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:9:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:9:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:9:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:9:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:9:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:9:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:9:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:9:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:9:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:9:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:9:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:9:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:9:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:9:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:9:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:9:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:9:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:9:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:9:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:9:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:9:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:9:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:9:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:9:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:9:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:10:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:10:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:10:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:10:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:10:DT:C4	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CD	2:X:10:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:10:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:10:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:10:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:10:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:10:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:10:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:10:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:10:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:10:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:10:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:10:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:10:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:10:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:10:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:10:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:10:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:10:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:10:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:10:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:10:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:10:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:10:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:10:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:10:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:10:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:10:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:11:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:11:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:11:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:11:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:11:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:11:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:11:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:11:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:11:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:11:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:11:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:11:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:11:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:11:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:11:DA:H3'	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CD	2:X:11:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:11:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:11:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:11:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:11:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:11:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:11:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:11:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:11:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:11:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:11:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:11:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:11:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:11:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:11:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:11:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:11:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:12:DG:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:12:DG:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:12:DG:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:12:DG:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:12:DG:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:12:DG:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:12:DG:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:12:DG:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:12:DG:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:12:DG:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:12:DG:H1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:12:DG:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:12:DG:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:12:DG:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:12:DG:H21	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:12:DG:H22	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:12:DG:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:12:DG:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:12:DG:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:12:DG:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:12:DG:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:12:DG:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:12:DG:N2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:12:DG:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:12:DG:N7	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CD	2:X:12:DG:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:12:DG:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:12:DG:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:12:DG:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:12:DG:O6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:12:DG:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:12:DG:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:12:DG:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:13:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:13:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:13:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:13:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:13:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:13:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:13:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:13:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:13:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:13:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:13:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:13:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:13:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:13:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:13:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:13:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:13:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:13:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:13:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:13:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:13:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:13:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:13:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:13:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:13:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:13:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:13:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:13:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:13:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:13:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:13:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	2:X:13:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:C2	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:H2''	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:H41	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:H42	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:H5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:N4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:N3	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:C2	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:H2	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:H73	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:P	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:H1'	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:H41	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:H42	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:H5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:N4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:N1	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:3:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:3:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:3:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:3:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:3:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:3:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:3:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:3:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:3:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:3:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:3:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:3:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:3:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:3:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:3:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:3:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:3:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:3:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:3:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:3:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:3:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:3:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:3:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:3:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:3:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:3:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:3:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:3:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:3:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:3:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:3:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:3:DT:P	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CG	2:X:4:DG:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:4:DG:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:4:DG:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:4:DG:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:4:DG:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:4:DG:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:4:DG:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:4:DG:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:4:DG:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:4:DG:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:4:DG:H1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:4:DG:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:4:DG:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:4:DG:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:4:DG:H21	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:4:DG:H22	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:4:DG:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:4:DG:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:4:DG:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:4:DG:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:4:DG:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:4:DG:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:4:DG:N2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:4:DG:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:4:DG:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:4:DG:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:4:DG:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:4:DG:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:4:DG:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:4:DG:O6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:4:DG:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:4:DG:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:4:DG:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:5:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:5:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:5:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:5:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:5:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:5:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:5:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:5:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:5:DA:C6	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CG	2:X:5:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:5:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:5:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:5:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:5:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:5:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:5:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:5:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:5:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:5:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:5:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:5:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:5:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:5:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:5:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:5:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:5:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:5:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:5:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:5:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:5:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:5:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:5:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:6:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:6:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:6:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:6:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:6:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:6:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:6:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:6:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:6:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:6:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:6:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:6:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:6:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:6:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:6:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:6:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:6:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:6:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:6:DT:H6	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CG	2:X:6:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:6:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:6:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:6:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:6:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:6:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:6:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:6:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:6:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:6:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:6:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:6:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:6:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:7:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:7:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:7:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:7:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:7:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:7:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:7:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:7:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:7:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:7:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:7:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:7:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:7:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:7:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:7:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:7:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:7:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:7:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:7:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:7:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:7:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:7:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:7:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:7:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:7:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:7:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:7:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:7:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:7:DA:O5'	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CG	2:X:7:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:7:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:7:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:8:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:8:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:8:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:8:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:8:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:8:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:8:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:8:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:8:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:8:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:8:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:8:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:8:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:8:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:8:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:8:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:8:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:8:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:8:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:8:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:8:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:8:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:8:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:8:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:8:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:8:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:8:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:8:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:8:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:8:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:8:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:8:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:9:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:9:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:9:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:9:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:9:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:9:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:9:DA:C5	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CG	2:X:9:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:9:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:9:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:9:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:9:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:9:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:9:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:9:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:9:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:9:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:9:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:9:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:9:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:9:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:9:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:9:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:9:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:9:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:9:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:9:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:9:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:9:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:9:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:9:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:9:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:10:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:10:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:10:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:10:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:10:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:10:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:10:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:10:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:10:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:10:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:10:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:10:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:10:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:10:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:10:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:10:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:10:DT:H5'	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CG	2:X:10:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:10:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:10:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:10:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:10:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:10:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:10:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:10:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:10:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:10:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:10:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:10:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:10:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:10:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:10:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:11:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:11:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:11:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:11:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:11:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:11:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:11:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:11:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:11:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:11:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:11:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:11:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:11:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:11:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:11:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:11:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:11:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:11:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:11:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:11:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:11:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:11:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:11:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:11:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:11:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:11:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:11:DA:O3'	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CG	2:X:11:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:11:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:11:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:11:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:11:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:12:DG:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:12:DG:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:12:DG:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:12:DG:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:12:DG:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:12:DG:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:12:DG:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:12:DG:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:12:DG:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:12:DG:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:12:DG:H1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:12:DG:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:12:DG:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:12:DG:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:12:DG:H21	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:12:DG:H22	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:12:DG:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:12:DG:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:12:DG:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:12:DG:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:12:DG:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:12:DG:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:12:DG:N2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:12:DG:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:12:DG:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:12:DG:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:12:DG:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:12:DG:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:12:DG:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:12:DG:O6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:12:DG:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:12:DG:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:12:DG:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:13:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:13:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:13:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:13:DT:C3'	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CG	2:X:13:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:13:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:13:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:13:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:13:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:13:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:13:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:13:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:13:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:13:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:13:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:13:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:13:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:13:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:13:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:13:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:13:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:13:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:13:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:13:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:13:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:13:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:13:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:13:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:13:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:13:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:13:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	2:X:13:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:H2''	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:H41	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:H42	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:H5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:N4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:O2	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:C3'	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:H3	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:N6	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:C2	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:H2'	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:H41	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:H42	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:H5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:N3	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:N4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:3:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:3:DT:C2	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:N	2:X:3:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:3:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:3:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:3:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:3:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:3:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:3:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:3:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:3:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:3:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:3:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:3:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:3:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:3:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:3:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:3:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:3:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:3:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:3:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:3:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:3:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:3:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:3:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:3:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:3:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:3:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:3:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:3:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:3:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:3:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:4:DG:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:4:DG:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:4:DG:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:4:DG:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:4:DG:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:4:DG:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:4:DG:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:4:DG:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:4:DG:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:4:DG:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:4:DG:H1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:4:DG:H1'	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:N	2:X:4:DG:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:4:DG:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:4:DG:H21	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:4:DG:H22	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:4:DG:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:4:DG:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:4:DG:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:4:DG:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:4:DG:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:4:DG:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:4:DG:N2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:4:DG:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:4:DG:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:4:DG:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:4:DG:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:4:DG:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:4:DG:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:4:DG:O6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:4:DG:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:4:DG:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:4:DG:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:5:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:5:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:5:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:5:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:5:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:5:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:5:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:5:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:5:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:5:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:5:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:5:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:5:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:5:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:5:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:5:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:5:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:5:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:5:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:5:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:5:DA:H8	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:N	2:X:5:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:5:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:5:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:5:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:5:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:5:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:5:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:5:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:5:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:5:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:5:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:6:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:6:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:6:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:6:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:6:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:6:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:6:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:6:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:6:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:6:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:6:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:6:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:6:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:6:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:6:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:6:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:6:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:6:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:6:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:6:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:6:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:6:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:6:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:6:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:6:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:6:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:6:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:6:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:6:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:6:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:6:DT:OP2	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:N	2:X:6:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:7:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:7:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:7:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:7:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:7:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:7:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:7:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:7:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:7:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:7:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:7:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:7:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:7:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:7:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:7:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:7:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:7:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:7:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:7:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:7:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:7:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:7:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:7:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:7:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:7:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:7:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:7:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:7:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:7:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:7:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:7:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:7:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:8:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:8:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:8:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:8:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:8:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:8:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:8:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:8:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:8:DT:C6	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:N	2:X:8:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:8:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:8:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:8:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:8:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:8:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:8:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:8:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:8:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:8:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:8:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:8:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:8:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:8:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:8:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:8:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:8:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:8:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:8:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:8:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:8:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:8:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:8:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:9:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:9:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:9:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:9:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:9:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:9:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:9:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:9:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:9:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:9:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:9:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:9:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:9:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:9:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:9:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:9:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:9:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:9:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:9:DA:H61	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:N	2:X:9:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:9:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:9:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:9:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:9:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:9:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:9:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:9:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:9:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:9:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:9:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:9:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:9:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:10:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:10:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:10:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:10:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:10:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:10:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:10:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:10:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:10:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:10:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:10:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:10:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:10:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:10:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:10:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:10:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:10:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:10:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:10:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:10:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:10:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:10:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:10:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:10:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:10:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:10:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:10:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:10:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:10:DT:O5'	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:N	2:X:10:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:10:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:10:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:11:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:11:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:11:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:11:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:11:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:11:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:11:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:11:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:11:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:11:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:11:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:11:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:11:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:11:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:11:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:11:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:11:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:11:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:11:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:11:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:11:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:11:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:11:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:11:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:11:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:11:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:11:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:11:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:11:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:11:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:11:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:11:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:12:DG:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:12:DG:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:12:DG:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:12:DG:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:12:DG:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:12:DG:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:12:DG:C5	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:N	2:X:12:DG:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:12:DG:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:12:DG:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:12:DG:H1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:12:DG:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:12:DG:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:12:DG:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:12:DG:H21	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:12:DG:H22	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:12:DG:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:12:DG:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:12:DG:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:12:DG:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:12:DG:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:12:DG:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:12:DG:N2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:12:DG:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:12:DG:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:12:DG:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:12:DG:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:12:DG:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:12:DG:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:12:DG:O6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:12:DG:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:12:DG:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:12:DG:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:13:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:13:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:13:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:13:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:13:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:13:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:13:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:13:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:13:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:13:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:13:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:13:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:13:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:13:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:13:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:13:DT:H4'	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:N	2:X:13:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:13:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:13:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:13:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:13:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:13:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:13:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:13:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:13:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:13:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:13:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:13:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:13:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:13:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:13:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	2:X:13:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:3:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:3:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:3:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:3:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:3:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:3:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:3:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:3:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:3:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:3:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:3:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:3:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:3:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:3:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:3:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:3:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:3:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:3:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:3:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:3:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:3:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:3:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:3:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:3:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:3:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:3:DA:N9	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:N	3:Y:3:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:3:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:3:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:3:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:3:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:3:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:4:DC:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:4:DC:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:4:DC:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:4:DC:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:4:DC:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:4:DC:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:4:DC:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:4:DC:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:4:DC:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:4:DC:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:4:DC:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:4:DC:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:4:DC:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:4:DC:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:4:DC:H41	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:4:DC:H42	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:4:DC:H5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:4:DC:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:4:DC:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:4:DC:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:4:DC:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:4:DC:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:4:DC:N4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:4:DC:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:4:DC:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:4:DC:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:4:DC:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:4:DC:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:4:DC:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:4:DC:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:5:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:5:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:5:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:5:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:5:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:5:DT:C4'	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:N	3:Y:5:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:5:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:5:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:5:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:5:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:5:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:5:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:5:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:5:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:5:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:5:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:5:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:5:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:5:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:5:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:5:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:5:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:5:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:5:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:5:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:5:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:5:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:5:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:5:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:5:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:5:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:6:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:6:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:6:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:6:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:6:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:6:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:6:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:6:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:6:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:6:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:6:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:6:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:6:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:6:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:6:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:6:DA:H4'	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:N	3:Y:6:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:6:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:6:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:6:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:6:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:6:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:6:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:6:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:6:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:6:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:6:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:6:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:6:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:6:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:6:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:6:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:7:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:7:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:7:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:7:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:7:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:7:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:7:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:7:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:7:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:7:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:7:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:7:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:7:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:7:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:7:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:7:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:7:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:7:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:7:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:7:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:7:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:7:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:7:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:7:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:7:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:7:DT:O3'	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:N	3:Y:7:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:7:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:7:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:7:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:7:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:7:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:8:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:8:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:8:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:8:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:8:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:8:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:8:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:8:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:8:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:8:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:8:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:8:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:8:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:8:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:8:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:8:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:8:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:8:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:8:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:8:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:8:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:8:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:8:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:8:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:8:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:8:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:8:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:8:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:8:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:8:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:8:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:8:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:9:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:9:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:9:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:9:DT:C3'	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:N	3:Y:9:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:9:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:9:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:9:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:9:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:9:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:9:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:9:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:9:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:9:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:9:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:9:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:9:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:9:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:9:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:9:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:9:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:9:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:9:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:9:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:9:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:9:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:9:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:9:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:9:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:9:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:9:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:9:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:10:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:10:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:10:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:10:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:10:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:10:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:10:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:10:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:10:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:10:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:10:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:10:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:10:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:10:DA:H2''	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:N	3:Y:10:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:10:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:10:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:10:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:10:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:10:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:10:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:10:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:10:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:10:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:10:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:10:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:10:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:10:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:10:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:10:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:10:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:10:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:11:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:11:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:11:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:11:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:11:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:11:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:11:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:11:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:11:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:11:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:11:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:11:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:11:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:11:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:11:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:11:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:11:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:11:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:11:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:11:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:11:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:11:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:11:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:11:DT:N3	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:N	3:Y:11:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:11:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:11:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:11:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:11:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:11:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:11:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:11:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:12:DC:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:12:DC:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:12:DC:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:12:DC:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:12:DC:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:12:DC:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:12:DC:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:12:DC:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:12:DC:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:12:DC:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:12:DC:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:12:DC:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:12:DC:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:12:DC:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:12:DC:H41	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:12:DC:H42	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:12:DC:H5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:12:DC:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:12:DC:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:12:DC:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:12:DC:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:12:DC:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:12:DC:N4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:12:DC:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:12:DC:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:12:DC:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:12:DC:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:12:DC:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:12:DC:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:12:DC:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:13:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:13:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:13:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:13:DA:C3'	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:N	3:Y:13:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:13:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:13:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:13:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:13:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:13:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:13:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:13:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:13:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:13:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:13:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:13:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:13:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:13:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:13:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:13:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:13:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:13:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:13:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:13:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:13:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:13:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:13:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:13:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:13:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:13:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:13:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:N	3:Y:13:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:3:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:3:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:3:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:3:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:3:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:3:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:3:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:3:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:3:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:3:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:3:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:3:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:3:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:3:DT:H3	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:O	2:X:3:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:3:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:3:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:3:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:3:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:3:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:3:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:3:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:3:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:3:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:3:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:3:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:3:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:3:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:3:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:3:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:3:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:3:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:4:DG:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:4:DG:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:4:DG:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:4:DG:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:4:DG:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:4:DG:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:4:DG:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:4:DG:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:4:DG:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:4:DG:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:4:DG:H1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:4:DG:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:4:DG:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:4:DG:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:4:DG:H21	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:4:DG:H22	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:4:DG:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:4:DG:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:4:DG:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:4:DG:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:4:DG:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:4:DG:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:4:DG:N2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:4:DG:N3	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:O	2:X:4:DG:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:4:DG:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:4:DG:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:4:DG:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:4:DG:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:4:DG:O6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:4:DG:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:4:DG:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:4:DG:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:5:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:5:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:5:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:5:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:5:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:5:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:5:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:5:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:5:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:5:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:5:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:5:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:5:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:5:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:5:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:5:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:5:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:5:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:5:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:5:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:5:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:5:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:5:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:5:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:5:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:5:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:5:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:5:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:5:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:5:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:5:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:5:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:6:DT:C1'	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:O	2:X:6:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:6:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:6:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:6:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:6:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:6:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:6:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:6:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:6:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:6:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:6:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:6:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:6:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:6:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:6:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:6:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:6:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:6:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:6:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:6:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:6:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:6:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:6:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:6:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:6:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:6:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:6:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:6:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:6:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:6:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:6:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:7:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:7:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:7:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:7:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:7:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:7:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:7:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:7:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:7:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:7:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:7:DA:H1'	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:O	2:X:7:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:7:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:7:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:7:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:7:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:7:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:7:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:7:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:7:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:7:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:7:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:7:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:7:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:7:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:7:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:7:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:7:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:7:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:7:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:7:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:7:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:8:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:8:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:8:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:8:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:8:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:8:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:8:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:8:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:8:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:8:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:8:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:8:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:8:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:8:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:8:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:8:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:8:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:8:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:8:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:8:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:8:DT:H72	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:O	2:X:8:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:8:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:8:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:8:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:8:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:8:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:8:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:8:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:8:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:8:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:8:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:9:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:9:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:9:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:9:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:9:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:9:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:9:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:9:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:9:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:9:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:9:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:9:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:9:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:9:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:9:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:9:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:9:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:9:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:9:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:9:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:9:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:9:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:9:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:9:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:9:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:9:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:9:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:9:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:9:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:9:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:9:DA:OP2	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:O	2:X:9:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:10:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:10:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:10:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:10:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:10:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:10:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:10:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:10:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:10:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:10:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:10:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:10:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:10:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:10:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:10:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:10:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:10:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:10:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:10:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:10:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:10:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:10:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:10:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:10:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:10:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:10:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:10:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:10:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:10:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:10:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:10:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:10:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:11:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:11:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:11:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:11:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:11:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:11:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:11:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:11:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:11:DA:C6	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:O	2:X:11:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:11:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:11:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:11:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:11:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:11:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:11:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:11:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:11:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:11:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:11:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:11:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:11:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:11:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:11:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:11:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:11:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:11:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:11:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:11:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:11:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:11:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:11:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:12:DG:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:12:DG:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:12:DG:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:12:DG:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:12:DG:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:12:DG:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:12:DG:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:12:DG:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:12:DG:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:12:DG:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:12:DG:H1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:12:DG:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:12:DG:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:12:DG:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:12:DG:H21	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:12:DG:H22	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:12:DG:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:12:DG:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:12:DG:H5'	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:O	2:X:12:DG:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:12:DG:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:12:DG:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:12:DG:N2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:12:DG:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:12:DG:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:12:DG:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:12:DG:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:12:DG:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:12:DG:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:12:DG:O6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:12:DG:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:12:DG:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:12:DG:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:13:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:13:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:13:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:13:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:13:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:13:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:13:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:13:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:13:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:13:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:13:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:13:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:13:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:13:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:13:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:13:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:13:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:13:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:13:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:13:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:13:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:13:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:13:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:13:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:13:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:13:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:13:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:13:DT:O4'	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:O	2:X:13:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:13:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:13:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	2:X:13:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:3:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:3:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:3:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:3:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:3:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:3:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:3:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:3:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:3:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:3:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:3:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:3:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:3:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:3:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:3:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:3:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:3:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:3:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:3:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:3:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:3:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:3:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:3:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:3:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:3:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:3:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:3:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:3:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:3:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:3:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:3:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:3:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:4:DC:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:4:DC:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:4:DC:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:4:DC:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:4:DC:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:4:DC:C4'	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:O	3:Y:4:DC:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:4:DC:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:4:DC:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:4:DC:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:4:DC:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:4:DC:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:4:DC:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:4:DC:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:4:DC:H41	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:4:DC:H42	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:4:DC:H5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:4:DC:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:4:DC:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:4:DC:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:4:DC:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:4:DC:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:4:DC:N4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:4:DC:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:4:DC:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:4:DC:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:4:DC:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:4:DC:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:4:DC:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:4:DC:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:5:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:5:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:5:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:5:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:5:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:5:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:5:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:5:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:5:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:5:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:5:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:5:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:5:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:5:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:5:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:5:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:5:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:5:DT:H5''	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:O	3:Y:5:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:5:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:5:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:5:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:5:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:5:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:5:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:5:DT:O3 [?]	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:5:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:5:DT:O4 [?]	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:5:DT:O5 [?]	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:5:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:5:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:5:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:6:DA:C1 [?]	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:6:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:6:DA:C2 [?]	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:6:DA:C3 [?]	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:6:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:6:DA:C4 [?]	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:6:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:6:DA:C5 [?]	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:6:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:6:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:6:DA:H1 [?]	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:6:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:6:DA:H2 [?]	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:6:DA:H2 ^{??}	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:6:DA:H3 [?]	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:6:DA:H4 [?]	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:6:DA:H5 [?]	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:6:DA:H5 ^{??}	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:6:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:6:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:6:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:6:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:6:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:6:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:6:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:6:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:6:DA:O3 [?]	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:6:DA:O4 [?]	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:O	3:Y:6:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:6:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:6:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:6:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:7:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:7:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:7:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:7:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:7:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:7:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:7:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:7:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:7:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:7:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:7:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:7:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:7:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:7:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:7:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:7:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:7:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:7:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:7:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:7:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:7:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:7:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:7:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:7:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:7:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:7:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:7:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:7:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:7:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:7:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:7:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:7:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:8:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:8:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:8:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:8:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:8:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:8:DA:C4'	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:O	3:Y:8:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:8:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:8:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:8:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:8:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:8:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:8:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:8:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:8:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:8:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:8:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:8:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:8:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:8:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:8:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:8:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:8:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:8:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:8:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:8:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:8:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:8:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:8:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:8:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:8:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:8:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:9:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:9:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:9:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:9:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:9:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:9:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:9:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:9:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:9:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:9:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:9:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:9:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:9:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:9:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:9:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:9:DT:H4'	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:O	3:Y:9:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:9:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:9:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:9:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:9:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:9:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:9:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:9:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:9:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:9:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:9:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:9:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:9:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:9:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:9:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:9:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:10:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:10:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:10:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:10:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:10:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:10:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:10:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:10:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:10:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:10:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:10:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:10:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:10:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:10:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:10:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:10:DA:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:10:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:10:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:10:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:10:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:10:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:10:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:10:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:10:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:10:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:10:DA:N9	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:O	3:Y:10:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:10:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:10:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:10:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:10:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:10:DA:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:11:DT:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:11:DT:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:11:DT:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:11:DT:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:11:DT:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:11:DT:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:11:DT:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:11:DT:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:11:DT:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:11:DT:C7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:11:DT:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:11:DT:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:11:DT:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:11:DT:H3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:11:DT:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:11:DT:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:11:DT:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:11:DT:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:11:DT:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:11:DT:H71	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:11:DT:H72	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:11:DT:H73	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:11:DT:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:11:DT:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:11:DT:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:11:DT:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:11:DT:O4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:11:DT:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:11:DT:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:11:DT:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:11:DT:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:11:DT:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:12:DC:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:12:DC:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:12:DC:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:12:DC:C3'	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:O	3:Y:12:DC:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:12:DC:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:12:DC:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:12:DC:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:12:DC:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:12:DC:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:12:DC:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:12:DC:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:12:DC:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:12:DC:H4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:12:DC:H41	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:12:DC:H42	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:12:DC:H5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:12:DC:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:12:DC:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:12:DC:H6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:12:DC:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:12:DC:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:12:DC:N4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:12:DC:O2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:12:DC:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:12:DC:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:12:DC:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:12:DC:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:12:DC:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:12:DC:P	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:13:DA:C1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:13:DA:C2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:13:DA:C2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:13:DA:C3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:13:DA:C4	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:13:DA:C4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:13:DA:C5	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:13:DA:C5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:13:DA:C6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:13:DA:C8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:13:DA:H1'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:13:DA:H2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:13:DA:H2'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:13:DA:H2''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:13:DA:H3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:13:DA:H4'	6	0.61	0.57	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	1:A:18:PRO:O	3:Y:13:DA:H5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:13:DA:H5''	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:13:DA:H61	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:13:DA:H62	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:13:DA:H8	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:13:DA:N1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:13:DA:N3	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:13:DA:N6	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:13:DA:N7	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:13:DA:N9	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:13:DA:O3'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:13:DA:O4'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:13:DA:O5'	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:13:DA:OP1	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:13:DA:OP2	6	0.61	0.57	0.26
(1,8)	1:A:18:PRO:O	3:Y:13:DA:P	6	0.61	0.57	0.26
(1,26)	2:X:10:DT:C1'	1:A:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:A:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:A:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:A:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:A:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:A:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:A:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:A:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:A:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:A:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:A:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:A:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:A:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:A:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:A:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:A:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:A:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:A:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:A:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:A:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:A:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:A:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:A:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:A:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:A:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:A:8:ARG:C	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C1 [?]	1:A:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:11:ASN:H	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C1 [?]	1:A:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:19:ALA:H	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C1 [?]	1:A:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:A:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:8:ARG:CZ	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C1'	1:B:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:B:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:B:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:B:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:B:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:B:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:B:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:B:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:B:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:B:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:B:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:B:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:B:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:B:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:B:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:B:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:B:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:B:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:B:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:B:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:B:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:B:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:B:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:B:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:B:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:B:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:B:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:B:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:B:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:B:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:B:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:B:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:B:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:B:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:B:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:B:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:B:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:B:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:B:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:B:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:B:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:B:11:ASN:O	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C1 [?]	1:B:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1 [?]	1:B:20:THR:CB	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C1'	1:B:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:B:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:B:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:B:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:B:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C1'	1:B:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:8:ARG:HH21	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C2	1:A:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:12:SER:H	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C2	1:A:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:A:20:THR:O	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C2	1:A:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:8:ARG:NH2	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C2	1:B:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:16:ARG:C	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C2	1:B:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2	1:B:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2 ⁷	1:A:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2 ⁷	1:A:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2 ⁷	1:A:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2 ⁷	1:A:3:HIS:CD2	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C2'	1:A:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:9:TRP:CD1	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C2'	1:A:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:16:ARG:CZ	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C2'	1:A:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:A:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:3:HIS:N	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C2'	1:B:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:9:TRP:CH2	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C2'	1:B:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:16:ARG:HH21	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C2'	1:B:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C2'	1:B:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:A:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:A:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:A:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:A:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:A:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:A:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:A:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:A:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:A:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:A:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:A:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:A:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:A:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:A:7:LYS:CA	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C3 ⁷	1:A:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:9:TRP:N	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C3 ⁷	1:A:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:16:ARG:NH2	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C3 ⁷	1:A:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:A:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:7:LYS:H	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C3 ⁷	1:B:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3 ⁷	1:B:10:GLY:H	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C3'	1:B:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:18:PRO:CD	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C3'	1:B:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C3'	1:B:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:7:LYS:NZ	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C4	1:A:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:11:ASN:CB	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C4	1:A:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:19:ALA:CA	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C4	1:A:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:A:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:8:ARG:CD	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C4	1:B:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:11:ASN:N	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C4	1:B:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:20:THR:C	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C4	1:B:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4	1:B:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4 [?]	1:A:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4 [?]	1:A:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4 [?]	1:A:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4 [?]	1:A:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4 [?]	1:A:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4 [?]	1:A:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4 [?]	1:A:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4 [?]	1:A:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4 [?]	1:A:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4 [?]	1:A:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4 [?]	1:A:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4 [?]	1:A:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4 [?]	1:A:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4 [?]	1:A:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4 [?]	1:A:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4 [?]	1:A:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4 [?]	1:A:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4 [?]	1:A:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4 [?]	1:A:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4 [?]	1:A:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4 [?]	1:A:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4 [?]	1:A:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4 [?]	1:A:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4 [?]	1:A:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4 [?]	1:A:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4 [?]	1:A:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4 [?]	1:A:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4 [?]	1:A:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4 [?]	1:A:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4 [?]	1:A:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4 [?]	1:A:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4 [?]	1:A:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4 [?]	1:A:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4 [?]	1:A:8:ARG:HH11	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C4'	1:A:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:12:SER:CA	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C4'	1:A:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:20:THR:HG1	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C4'	1:A:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:A:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:8:ARG:NE	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C4'	1:B:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:12:SER:O	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C4'	1:B:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C4'	1:B:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:3:HIS:CA	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C5	1:A:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:9:TRP:CA	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C5	1:A:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:16:ARG:CD	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C5	1:A:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:A:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:3:HIS:H	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C5	1:B:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:9:TRP:CE3	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C5	1:B:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:16:ARG:HH11	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C5	1:B:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5	1:B:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:3:HIS:O	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C5 ⁷	1:A:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:9:TRP:H	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C5 ⁷	1:A:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:16:ARG:NE	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C5 ⁷	1:A:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:A:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:7:LYS:CE	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C5 ⁷	1:B:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:10:GLY:C	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C5 ⁷	1:B:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:18:PRO:CA	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C5 ⁷	1:B:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C5 ⁷	1:B:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:7:LYS:HZ3	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C6	1:A:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:11:ASN:C	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C6	1:A:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:18:PRO:O	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C6	1:A:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:A:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:8:ARG:CA	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C6	1:B:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:11:ASN:HD21	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C6	1:B:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:19:ALA:N	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C6	1:B:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C6	1:B:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:8:ARG:H	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C7	1:A:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:11:ASN:OD1	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C7	1:A:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:20:THR:CG2	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C7	1:A:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:A:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:8:ARG:HH22	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C7	1:B:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:12:SER:HG	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:C7	1:B:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:C7	1:B:20:THR:OG1	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H1 [?]	1:A:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:8:ARG:O	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H1 [?]	1:A:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:16:ARG:CA	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H1 [?]	1:A:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:A:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:3:HIS:CE1	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H1 [?]	1:B:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:9:TRP:CD2	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H1 [?]	1:B:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:16:ARG:H	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H1 [?]	1:B:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H1 [?]	1:B:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:3:HIS:ND1	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H2 [?]	1:A:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:9:TRP:CZ2	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H2 [?]	1:A:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:16:ARG:HH22	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H2 [?]	1:A:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:A:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:7:LYS:CB	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H2 ⁷	1:B:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:9:TRP:NE1	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H2 [?]	1:B:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 [?]	1:B:16:ARG:O	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H2 ⁷	1:B:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:B:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:A:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:A:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:A:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:A:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:A:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:A:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:A:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:A:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:A:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:A:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:A:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:A:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:A:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:A:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:A:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:A:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:A:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:A:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:A:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2 ⁷	1:A:7:LYS:HZ1	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H2''	1:A:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:10:GLY:N	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H2''	1:A:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:18:PRO:CG	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H2''	1:A:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:A:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:7:LYS:O	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H2''	1:B:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:11:ASN:CG	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H2''	1:B:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:19:ALA:CB	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H2''	1:B:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H2''	1:B:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:8:ARG:CG	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H3	1:A:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:11:ASN:ND2	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H3	1:A:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:20:THR:CA	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H3	1:A:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:A:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:8:ARG:HH12	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H3	1:B:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:12:SER:CB	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H3	1:B:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:20:THR:N	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H3	1:B:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3	1:B:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:A:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:A:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:A:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:A:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:A:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:A:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:A:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:A:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:A:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:A:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:A:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:A:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:A:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:A:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:A:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:A:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:A:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:A:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:A:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:A:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:A:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:A:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:A:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:A:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:A:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:A:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:A:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:A:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:A:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:A:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:A:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:A:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:A:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:A:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:A:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:A:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:A:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:A:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:A:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:A:8:ARG:NH1	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H3 ⁷	1:A:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:12:SER:OG	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H3 ⁷	1:A:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:A:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:3:HIS:CB	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H3 ⁷	1:B:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:9:TRP:CB	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H3 ⁷	1:B:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 ⁷	1:B:16:ARG:CG	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H3 [?]	1:B:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:B:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:B:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:B:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:B:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:B:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:B:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:B:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:B:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:B:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:B:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:B:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:B:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:B:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:B:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:B:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:B:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:B:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:B:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:B:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:B:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:B:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:B:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:B:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:B:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:B:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:B:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:B:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:B:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:B:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:B:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:B:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:B:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H3 [?]	1:B:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:3:HIS:HD1	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H4 ⁷	1:A:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:A:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:A:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:A:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:A:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:A:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:A:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:A:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:A:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:A:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:A:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:A:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:A:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:A:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:A:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:A:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:A:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:A:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:A:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:A:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:A:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:A:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:A:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:A:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:A:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:A:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:A:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:A:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:A:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:A:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:A:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:A:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:A:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:A:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:A:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:A:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:A:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:A:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:A:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:A:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:A:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:A:9:TRP:CG	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H4 [?]	1:A:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:16:ARG:HH12	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H4 [?]	1:A:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:A:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:7:LYS:C	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H4 ⁷	1:B:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:9:TRP:HE1	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H4 [?]	1:B:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 [?]	1:B:16:ARG:NH1	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H4 ⁷	1:B:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H4 ⁷	1:B:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:7:LYS:CG	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H5 ⁷	1:A:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:10:GLY:CA	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H5 ⁷	1:A:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:18:PRO:CB	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H5 ⁷	1:A:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:7:LYS:N	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H5 ⁷	1:B:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:11:ASN:CA	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H5 ⁷	1:B:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:19:ALA:C	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H5 ⁷	1:B:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:B:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5 ⁷	1:A:8:ARG:CB	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H5''	1:A:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:11:ASN:HD22	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H5''	1:A:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:19:ALA:O	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H5''	1:A:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:A:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:8:ARG:HE	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H5''	1:B:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:12:SER:C	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H5''	1:B:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:20:THR:H	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H5''	1:B:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H5''	1:B:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:8:ARG:N	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H6	1:A:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:12:SER:N	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H6	1:A:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:A:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:3:HIS:C	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H6	1:B:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:9:TRP:C	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H6	1:B:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:16:ARG:CB	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H6	1:B:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H6	1:B:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:3:HIS:CG	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H71	1:A:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:9:TRP:CE2	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H71	1:A:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:16:ARG:HE	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H71	1:A:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:A:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:3:HIS:NE2	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H71	1:B:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:9:TRP:CZ3	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H71	1:B:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:16:ARG:N	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H71	1:B:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H71	1:B:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:7:LYS:CD	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H72	1:A:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:9:TRP:O	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H72	1:A:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:18:PRO:C	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H72	1:A:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:A:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:7:LYS:HZ2	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H72	1:B:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:10:GLY:O	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H72	1:B:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:18:PRO:N	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H72	1:B:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H72	1:B:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:8:ARG:C	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H73	1:A:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:11:ASN:H	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H73	1:A:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:19:ALA:H	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H73	1:A:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:A:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:8:ARG:CZ	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H73	1:B:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:11:ASN:O	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H73	1:B:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:20:THR:CB	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:H73	1:B:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:H73	1:B:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:8:ARG:HH21	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:N1	1:A:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:12:SER:H	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:N1	1:A:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:A:20:THR:O	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:N1	1:A:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:8:ARG:NH2	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:N1	1:B:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:16:ARG:C	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:N1	1:B:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N1	1:B:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:3:HIS:CD2	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:N3	1:A:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:9:TRP:CD1	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:N3	1:A:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:16:ARG:CZ	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:N3	1:A:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:A:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:3:HIS:N	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:N3	1:B:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:9:TRP:CH2	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:N3	1:B:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:16:ARG:HH21	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:N3	1:B:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:N3	1:B:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:7:LYS:CA	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:O2	1:A:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:9:TRP:N	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:O2	1:A:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:16:ARG:NH2	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:O2	1:A:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:A:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:7:LYS:H	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:O2	1:B:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:10:GLY:H	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:O2	1:B:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:18:PRO:CD	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:O2	1:B:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O2	1:B:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:7:LYS:NZ	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:O3 ⁷	1:A:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:11:ASN:CB	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:O3 ⁷	1:A:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3 ⁷	1:A:19:ALA:CA	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:O3'	1:A:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:A:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:A:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:A:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:A:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:A:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:A:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:A:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:A:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:A:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:A:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:A:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:A:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:8:ARG:CD	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:O3'	1:B:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:11:ASN:N	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:O3'	1:B:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:20:THR:C	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:O3'	1:B:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O3'	1:B:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:8:ARG:HH11	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:O4	1:A:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:12:SER:CA	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:O4	1:A:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:20:THR:HG1	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:O4	1:A:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:A:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:8:ARG:NE	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:O4	1:B:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:12:SER:O	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:O4	1:B:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4	1:B:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4 ⁷	1:A:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4 ⁷	1:A:3:HIS:CA	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:O4'	1:A:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:9:TRP:CA	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:O4'	1:A:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:16:ARG:CD	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:O4'	1:A:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:A:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:3:HIS:H	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:O4'	1:B:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:9:TRP:CE3	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:O4'	1:B:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:16:ARG:HH11	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:O4'	1:B:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O4'	1:B:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:3:HIS:O	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:O5 ⁷	1:A:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:9:TRP:H	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:O5'	1:A:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:A:16:ARG:NE	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:O5 ⁷	1:A:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:A:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:7:LYS:CE	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:O5 ⁷	1:B:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5 ⁷	1:B:10:GLY:C	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:O5'	1:B:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:18:PRO:CA	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:O5'	1:B:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:O5'	1:B:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:7:LYS:HZ3	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:OP1	1:A:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:11:ASN:C	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:OP1	1:A:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:18:PRO:O	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:OP1	1:A:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:A:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:8:ARG:CA	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:OP1	1:B:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:11:ASN:HD21	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:OP1	1:B:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:19:ALA:N	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:OP1	1:B:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP1	1:B:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:8:ARG:H	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:OP2	1:A:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:11:ASN:OD1	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:OP2	1:A:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:20:THR:CG2	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:OP2	1:A:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:A:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:8:ARG:HH22	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:OP2	1:B:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:12:SER:HG	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:OP2	1:B:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:OP2	1:B:20:THR:OG1	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:P	1:A:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:3:HIS:CE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:8:ARG:O	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:P	1:A:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:9:TRP:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:16:ARG:CA	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:P	1:A:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:16:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:A:20:THR:OG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:3:HIS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:3:HIS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:3:HIS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:3:HIS:CD2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:3:HIS:CE1	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:P	1:B:3:HIS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:3:HIS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:3:HIS:HD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:3:HIS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:3:HIS:ND1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:3:HIS:NE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:3:HIS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:7:LYS:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:7:LYS:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:7:LYS:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:7:LYS:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:7:LYS:CE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:7:LYS:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:7:LYS:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:7:LYS:HZ1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:7:LYS:HZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:7:LYS:HZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:7:LYS:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:7:LYS:NZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:7:LYS:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:8:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:8:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:8:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:8:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:8:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:8:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:8:ARG:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:8:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:8:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:8:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:8:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:8:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:8:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:8:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:8:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:8:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:8:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:9:TRP:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:9:TRP:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:9:TRP:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:9:TRP:CD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:9:TRP:CD2	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:P	1:B:9:TRP:CE2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:9:TRP:CE3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:9:TRP:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:9:TRP:CH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:9:TRP:CZ2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:9:TRP:CZ3	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:9:TRP:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:9:TRP:HE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:9:TRP:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:9:TRP:NE1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:9:TRP:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:10:GLY:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:10:GLY:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:10:GLY:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:10:GLY:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:10:GLY:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:11:ASN:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:11:ASN:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:11:ASN:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:11:ASN:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:11:ASN:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:11:ASN:HD21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:11:ASN:HD22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:11:ASN:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:11:ASN:ND2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:11:ASN:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:11:ASN:OD1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:12:SER:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:12:SER:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:12:SER:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:12:SER:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:12:SER:HG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:12:SER:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:12:SER:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:12:SER:OG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:16:ARG:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:16:ARG:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:16:ARG:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:16:ARG:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:16:ARG:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:16:ARG:CZ	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:16:ARG:H	5	0.78	0.45	0.63

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,26)	2:X:10:DT:P	1:B:16:ARG:HE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:16:ARG:HH11	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:16:ARG:HH12	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:16:ARG:HH21	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:16:ARG:HH22	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:16:ARG:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:16:ARG:NE	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:16:ARG:NH1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:16:ARG:NH2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:16:ARG:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:18:PRO:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:18:PRO:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:18:PRO:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:18:PRO:CD	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:18:PRO:CG	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:18:PRO:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:18:PRO:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:19:ALA:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:19:ALA:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:19:ALA:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:19:ALA:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:19:ALA:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:19:ALA:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:20:THR:C	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:20:THR:CA	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:20:THR:CB	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:20:THR:CG2	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:20:THR:H	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:20:THR:HG1	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:20:THR:N	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:20:THR:O	5	0.78	0.45	0.63
(1,26)	2:X:10:DT:P	1:B:20:THR:OG1	5	0.78	0.45	0.63
(1,18)	1:B:18:PRO:C	2:X:3:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:3:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:3:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:3:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:3:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:3:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:3:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:3:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:3:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:3:DT:C7	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:C	2:X:3:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:3:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:3:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:3:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:3:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:3:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:3:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:3:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:3:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:3:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:3:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:3:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:3:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:3:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:3:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:3:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:3:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:3:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:3:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:3:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:3:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:3:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:4:DG:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:4:DG:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:4:DG:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:4:DG:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:4:DG:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:4:DG:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:4:DG:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:4:DG:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:4:DG:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:4:DG:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:4:DG:H1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:4:DG:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:4:DG:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:4:DG:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:4:DG:H21	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:4:DG:H22	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:4:DG:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:4:DG:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:4:DG:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:4:DG:H5''	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:C	2:X:4:DG:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:4:DG:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:4:DG:N2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:4:DG:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:4:DG:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:4:DG:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:4:DG:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:4:DG:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:4:DG:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:4:DG:O6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:4:DG:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:4:DG:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:4:DG:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:5:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:5:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:5:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:5:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:5:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:5:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:5:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:5:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:5:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:5:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:5:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:5:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:5:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:5:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:5:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:5:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:5:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:5:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:5:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:5:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:5:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:5:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:5:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:5:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:5:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:5:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:5:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:5:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:5:DA:O5'	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:C	2:X:5:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:5:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:5:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:6:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:6:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:6:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:6:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:6:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:6:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:6:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:6:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:6:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:6:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:6:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:6:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:6:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:6:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:6:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:6:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:6:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:6:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:6:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:6:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:6:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:6:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:6:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:6:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:6:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:6:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:6:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:6:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:6:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:6:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:6:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:6:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:7:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:7:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:7:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:7:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:7:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:7:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:7:DA:C5	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:C	2:X:7:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:7:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:7:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:7:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:7:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:7:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:7:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:7:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:7:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:7:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:7:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:7:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:7:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:7:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:7:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:7:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:7:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:7:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:7:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:7:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:7:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:7:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:7:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:7:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:7:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:8:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:8:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:8:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:8:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:8:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:8:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:8:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:8:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:8:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:8:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:8:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:8:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:8:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:8:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:8:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:8:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:8:DT:H5'	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:C	2:X:8:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:8:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:8:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:8:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:8:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:8:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:8:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:8:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:8:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:8:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:8:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:8:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:8:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:8:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:8:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:9:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:9:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:9:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:9:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:9:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:9:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:9:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:9:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:9:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:9:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:9:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:9:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:9:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:9:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:9:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:9:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:9:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:9:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:9:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:9:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:9:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:9:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:9:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:9:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:9:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:9:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:9:DA:O3'	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:C	2:X:9:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:9:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:9:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:9:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:9:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:10:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:10:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:10:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:10:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:10:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:10:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:10:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:10:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:10:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:10:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:10:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:10:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:10:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:10:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:10:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:10:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:10:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:10:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:10:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:10:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:10:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:10:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:10:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:10:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:10:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:10:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:10:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:10:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:10:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:10:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:10:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:10:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:11:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:11:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:11:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:11:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:11:DA:C4	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:C	2:X:11:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:11:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:11:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:11:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:11:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:11:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:11:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:11:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:11:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:11:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:11:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:11:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:11:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:11:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:11:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:11:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:11:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:11:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:11:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:11:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:11:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:11:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:11:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:11:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:11:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:11:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:11:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:12:DG:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:12:DG:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:12:DG:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:12:DG:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:12:DG:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:12:DG:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:12:DG:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:12:DG:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:12:DG:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:12:DG:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:12:DG:H1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:12:DG:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:12:DG:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:12:DG:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:12:DG:H21	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:C	2:X:12:DG:H22	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:12:DG:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:12:DG:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:12:DG:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:12:DG:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:12:DG:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:12:DG:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:12:DG:N2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:12:DG:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:12:DG:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:12:DG:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:12:DG:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:12:DG:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:12:DG:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:12:DG:O6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:12:DG:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:12:DG:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:12:DG:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:13:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:13:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:13:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:13:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:13:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:13:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:13:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:13:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:13:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:13:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:13:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:13:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:13:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:13:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:13:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:13:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:13:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:13:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:13:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:13:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:13:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:13:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:13:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:13:DT:N3	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:C	2:X:13:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:13:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:13:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:13:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:13:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:13:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:13:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	2:X:13:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:3:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:3:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:3:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:3:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:3:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:3:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:3:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:3:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:3:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:3:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:3:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:3:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:3:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:3:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:3:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:3:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:3:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:3:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:3:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:3:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:3:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:3:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:3:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:3:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:3:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:3:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:3:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:3:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:3:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:3:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:3:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:3:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:4:DC:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:4:DC:C2	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:C	3:Y:4:DC:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:4:DC:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:4:DC:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:4:DC:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:4:DC:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:4:DC:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:4:DC:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:4:DC:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:4:DC:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:4:DC:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:4:DC:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:4:DC:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:4:DC:H41	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:4:DC:H42	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:4:DC:H5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:4:DC:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:4:DC:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:4:DC:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:4:DC:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:4:DC:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:4:DC:N4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:4:DC:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:4:DC:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:4:DC:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:4:DC:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:4:DC:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:4:DC:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:4:DC:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:5:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:5:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:5:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:5:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:5:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:5:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:5:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:5:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:5:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:5:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:5:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:5:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:5:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:5:DT:H3	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:C	3:Y:5:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:5:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:5:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:5:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:5:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:5:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:5:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:5:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:5:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:5:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:5:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:5:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:5:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:5:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:5:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:5:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:5:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:5:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:6:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:6:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:6:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:6:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:6:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:6:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:6:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:6:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:6:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:6:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:6:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:6:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:6:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:6:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:6:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:6:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:6:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:6:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:6:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:6:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:6:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:6:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:6:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:6:DA:N6	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:C	3:Y:6:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:6:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:6:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:6:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:6:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:6:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:6:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:6:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:7:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:7:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:7:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:7:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:7:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:7:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:7:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:7:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:7:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:7:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:7:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:7:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:7:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:7:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:7:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:7:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:7:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:7:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:7:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:7:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:7:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:7:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:7:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:7:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:7:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:7:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:7:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:7:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:7:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:7:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:7:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:7:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:8:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:8:DA:C2	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:C	3:Y:8:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:8:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:8:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:8:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:8:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:8:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:8:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:8:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:8:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:8:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:8:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:8:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:8:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:8:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:8:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:8:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:8:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:8:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:8:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:8:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:8:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:8:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:8:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:8:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:8:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:8:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:8:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:8:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:8:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:8:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:9:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:9:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:9:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:9:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:9:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:9:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:9:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:9:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:9:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:9:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:9:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:9:DT:H2'	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:C	3:Y:9:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:9:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:9:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:9:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:9:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:9:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:9:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:9:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:9:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:9:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:9:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:9:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:9:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:9:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:9:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:9:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:9:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:9:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:9:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:9:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:10:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:10:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:10:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:10:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:10:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:10:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:10:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:10:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:10:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:10:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:10:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:10:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:10:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:10:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:10:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:10:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:10:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:10:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:10:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:10:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:10:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:10:DA:N1	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:C	3:Y:10:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:10:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:10:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:10:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:10:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:10:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:10:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:10:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:10:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:10:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:11:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:11:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:11:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:11:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:11:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:11:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:11:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:11:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:11:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:11:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:11:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:11:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:11:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:11:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:11:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:11:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:11:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:11:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:11:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:11:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:11:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:11:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:11:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:11:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:11:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:11:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:11:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:11:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:11:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:11:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:11:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:11:DT:P	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:C	3:Y:12:DC:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:12:DC:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:12:DC:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:12:DC:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:12:DC:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:12:DC:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:12:DC:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:12:DC:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:12:DC:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:12:DC:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:12:DC:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:12:DC:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:12:DC:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:12:DC:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:12:DC:H41	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:12:DC:H42	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:12:DC:H5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:12:DC:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:12:DC:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:12:DC:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:12:DC:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:12:DC:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:12:DC:N4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:12:DC:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:12:DC:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:12:DC:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:12:DC:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:12:DC:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:12:DC:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:12:DC:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:13:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:13:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:13:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:13:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:13:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:13:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:13:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:13:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:13:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:13:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:13:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:13:DA:H2	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:C	3:Y:13:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:13:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:13:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:13:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:13:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:13:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:13:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:13:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:13:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:13:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:13:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:13:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:13:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:13:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:13:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:13:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:13:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:13:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:13:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:C	3:Y:13:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:3:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:3:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:3:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:3:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:3:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:3:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:3:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:3:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:3:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:3:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:3:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:3:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:3:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:3:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:3:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:3:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:3:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:3:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:3:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:3:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:3:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:3:DT:H73	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CA	2:X:3:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:3:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:3:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:3:DT:O3 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:3:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:3:DT:O4 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:3:DT:O5 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:3:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:3:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:3:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:4:DG:C1 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:4:DG:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:4:DG:C2 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:4:DG:C3 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:4:DG:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:4:DG:C4 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:4:DG:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:4:DG:C5 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:4:DG:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:4:DG:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:4:DG:H1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:4:DG:H1 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:4:DG:H2 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:4:DG:H2 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:4:DG:H21	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:4:DG:H22	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:4:DG:H3 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:4:DG:H4 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:4:DG:H5 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:4:DG:H5 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:4:DG:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:4:DG:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:4:DG:N2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:4:DG:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:4:DG:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:4:DG:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:4:DG:O3 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:4:DG:O4 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:4:DG:O5 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:4:DG:O6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:4:DG:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:4:DG:OP2	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CA	2:X:4:DG:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:5:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:5:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:5:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:5:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:5:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:5:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:5:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:5:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:5:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:5:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:5:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:5:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:5:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:5:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:5:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:5:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:5:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:5:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:5:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:5:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:5:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:5:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:5:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:5:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:5:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:5:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:5:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:5:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:5:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:5:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:5:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:5:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:6:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:6:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:6:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:6:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:6:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:6:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:6:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:6:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:6:DT:C6	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CA	2:X:6:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:6:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:6:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:6:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:6:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:6:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:6:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:6:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:6:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:6:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:6:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:6:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:6:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:6:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:6:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:6:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:6:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:6:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:6:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:6:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:6:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:6:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:6:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:7:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:7:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:7:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:7:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:7:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:7:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:7:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:7:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:7:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:7:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:7:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:7:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:7:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:7:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:7:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:7:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:7:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:7:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:7:DA:H61	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CA	2:X:7:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:7:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:7:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:7:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:7:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:7:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:7:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:7:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:7:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:7:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:7:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:7:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:7:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:8:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:8:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:8:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:8:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:8:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:8:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:8:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:8:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:8:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:8:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:8:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:8:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:8:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:8:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:8:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:8:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:8:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:8:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:8:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:8:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:8:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:8:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:8:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:8:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:8:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:8:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:8:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:8:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:8:DT:O5'	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CA	2:X:8:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:8:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:8:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:9:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:9:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:9:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:9:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:9:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:9:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:9:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:9:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:9:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:9:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:9:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:9:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:9:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:9:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:9:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:9:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:9:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:9:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:9:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:9:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:9:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:9:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:9:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:9:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:9:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:9:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:9:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:9:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:9:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:9:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:9:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:9:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:10:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:10:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:10:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:10:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:10:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:10:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:10:DT:C5	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CA	2:X:10:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:10:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:10:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:10:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:10:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:10:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:10:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:10:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:10:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:10:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:10:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:10:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:10:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:10:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:10:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:10:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:10:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:10:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:10:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:10:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:10:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:10:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:10:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:10:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:10:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:11:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:11:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:11:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:11:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:11:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:11:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:11:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:11:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:11:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:11:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:11:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:11:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:11:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:11:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:11:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:11:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:11:DA:H5'	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CA	2:X:11:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:11:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:11:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:11:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:11:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:11:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:11:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:11:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:11:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:11:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:11:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:11:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:11:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:11:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:11:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:12:DG:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:12:DG:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:12:DG:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:12:DG:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:12:DG:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:12:DG:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:12:DG:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:12:DG:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:12:DG:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:12:DG:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:12:DG:H1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:12:DG:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:12:DG:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:12:DG:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:12:DG:H21	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:12:DG:H22	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:12:DG:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:12:DG:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:12:DG:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:12:DG:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:12:DG:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:12:DG:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:12:DG:N2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:12:DG:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:12:DG:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:12:DG:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:12:DG:O3'	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CA	2:X:12:DG:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:12:DG:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:12:DG:O6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:12:DG:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:12:DG:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:12:DG:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:13:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:13:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:13:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:13:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:13:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:13:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:13:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:13:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:13:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:13:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:13:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:13:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:13:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:13:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:13:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:13:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:13:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:13:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:13:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:13:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:13:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:13:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:13:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:13:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:13:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:13:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:13:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:13:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:13:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:13:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:13:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	2:X:13:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:3:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:3:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:3:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:3:DA:C3'	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CA	3:Y:3:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:3:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:3:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:3:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:3:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:3:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:3:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:3:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:3:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:3:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:3:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:3:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:3:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:3:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:3:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:3:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:3:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:3:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:3:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:3:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:3:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:3:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:3:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:3:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:3:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:3:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:3:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:3:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:4:DC:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:4:DC:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:4:DC:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:4:DC:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:4:DC:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:4:DC:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:4:DC:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:4:DC:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:4:DC:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:4:DC:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:4:DC:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:4:DC:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:4:DC:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:4:DC:H4'	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CA	3:Y:4:DC:H41	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:4:DC:H42	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:4:DC:H5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:4:DC:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:4:DC:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:4:DC:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:4:DC:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:4:DC:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:4:DC:N4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:4:DC:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:4:DC:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:4:DC:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:4:DC:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:4:DC:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:4:DC:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:4:DC:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:5:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:5:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:5:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:5:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:5:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:5:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:5:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:5:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:5:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:5:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:5:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:5:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:5:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:5:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:5:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:5:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:5:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:5:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:5:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:5:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:5:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:5:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:5:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:5:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:5:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:5:DT:O3'	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CA	3:Y:5:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:5:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:5:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:5:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:5:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:5:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:6:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:6:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:6:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:6:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:6:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:6:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:6:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:6:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:6:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:6:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:6:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:6:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:6:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:6:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:6:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:6:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:6:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:6:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:6:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:6:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:6:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:6:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:6:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:6:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:6:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:6:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:6:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:6:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:6:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:6:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:6:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:6:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:7:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:7:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:7:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:7:DT:C3'	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CA	3:Y:7:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:7:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:7:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:7:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:7:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:7:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:7:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:7:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:7:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:7:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:7:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:7:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:7:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:7:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:7:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:7:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:7:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:7:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:7:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:7:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:7:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:7:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:7:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:7:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:7:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:7:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:7:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:7:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:8:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:8:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:8:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:8:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:8:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:8:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:8:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:8:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:8:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:8:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:8:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:8:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:8:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:8:DA:H2''	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CA	3:Y:8:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:8:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:8:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:8:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:8:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:8:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:8:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:8:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:8:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:8:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:8:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:8:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:8:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:8:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:8:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:8:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:8:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:8:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:9:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:9:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:9:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:9:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:9:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:9:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:9:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:9:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:9:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:9:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:9:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:9:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:9:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:9:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:9:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:9:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:9:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:9:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:9:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:9:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:9:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:9:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:9:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:9:DT:N3	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CA	3:Y:9:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:9:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:9:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:9:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:9:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:9:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:9:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:9:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:10:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:10:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:10:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:10:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:10:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:10:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:10:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:10:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:10:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:10:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:10:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:10:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:10:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:10:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:10:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:10:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:10:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:10:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:10:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:10:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:10:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:10:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:10:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:10:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:10:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:10:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:10:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:10:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:10:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:10:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:10:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:10:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:11:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:11:DT:C2	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CA	3:Y:11:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:11:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:11:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:11:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:11:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:11:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:11:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:11:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:11:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:11:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:11:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:11:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:11:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:11:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:11:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:11:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:11:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:11:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:11:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:11:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:11:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:11:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:11:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:11:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:11:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:11:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:11:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:11:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:11:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:11:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:12:DC:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:12:DC:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:12:DC:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:12:DC:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:12:DC:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:12:DC:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:12:DC:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:12:DC:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:12:DC:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:12:DC:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:12:DC:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:12:DC:H2''	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CA	3:Y:12:DC:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:12:DC:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:12:DC:H41	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:12:DC:H42	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:12:DC:H5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:12:DC:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:12:DC:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:12:DC:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:12:DC:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:12:DC:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:12:DC:N4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:12:DC:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:12:DC:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:12:DC:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:12:DC:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:12:DC:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:12:DC:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:12:DC:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:13:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:13:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:13:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:13:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:13:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:13:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:13:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:13:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:13:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:13:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:13:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:13:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:13:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:13:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:13:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:13:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:13:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:13:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:13:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:13:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:13:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:13:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:13:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:13:DA:N6	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CA	3:Y:13:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:13:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:13:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:13:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:13:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:13:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:13:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CA	3:Y:13:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:3:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:3:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:3:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:3:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:3:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:3:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:3:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:3:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:3:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:3:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:3:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:3:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:3:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:3:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:3:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:3:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:3:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:3:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:3:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:3:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:3:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:3:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:3:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:3:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:3:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:3:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:3:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:3:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:3:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:3:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:3:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:3:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:4:DG:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:4:DG:C2	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CB	2:X:4:DG:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:4:DG:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:4:DG:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:4:DG:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:4:DG:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:4:DG:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:4:DG:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:4:DG:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:4:DG:H1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:4:DG:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:4:DG:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:4:DG:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:4:DG:H21	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:4:DG:H22	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:4:DG:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:4:DG:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:4:DG:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:4:DG:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:4:DG:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:4:DG:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:4:DG:N2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:4:DG:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:4:DG:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:4:DG:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:4:DG:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:4:DG:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:4:DG:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:4:DG:O6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:4:DG:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:4:DG:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:4:DG:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:5:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:5:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:5:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:5:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:5:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:5:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:5:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:5:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:5:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:5:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:5:DA:H1'	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CB	2:X:5:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:5:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:5:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:5:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:5:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:5:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:5:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:5:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:5:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:5:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:5:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:5:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:5:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:5:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:5:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:5:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:5:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:5:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:5:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:5:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:5:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:6:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:6:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:6:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:6:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:6:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:6:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:6:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:6:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:6:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:6:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:6:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:6:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:6:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:6:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:6:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:6:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:6:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:6:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:6:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:6:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:6:DT:H72	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CB	2:X:6:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:6:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:6:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:6:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:6:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:6:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:6:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:6:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:6:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:6:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:6:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:7:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:7:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:7:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:7:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:7:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:7:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:7:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:7:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:7:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:7:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:7:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:7:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:7:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:7:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:7:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:7:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:7:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:7:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:7:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:7:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:7:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:7:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:7:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:7:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:7:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:7:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:7:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:7:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:7:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:7:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:7:DA:OP2	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CB	2:X:7:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:8:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:8:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:8:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:8:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:8:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:8:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:8:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:8:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:8:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:8:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:8:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:8:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:8:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:8:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:8:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:8:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:8:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:8:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:8:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:8:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:8:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:8:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:8:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:8:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:8:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:8:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:8:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:8:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:8:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:8:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:8:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:8:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:9:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:9:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:9:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:9:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:9:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:9:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:9:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:9:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:9:DA:C6	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CB	2:X:9:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:9:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:9:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:9:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:9:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:9:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:9:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:9:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:9:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:9:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:9:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:9:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:9:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:9:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:9:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:9:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:9:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:9:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:9:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:9:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:9:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:9:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:9:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:10:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:10:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:10:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:10:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:10:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:10:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:10:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:10:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:10:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:10:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:10:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:10:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:10:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:10:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:10:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:10:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:10:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:10:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:10:DT:H6	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CB	2:X:10:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:10:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:10:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:10:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:10:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:10:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:10:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:10:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:10:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:10:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:10:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:10:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:10:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:11:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:11:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:11:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:11:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:11:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:11:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:11:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:11:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:11:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:11:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:11:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:11:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:11:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:11:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:11:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:11:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:11:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:11:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:11:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:11:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:11:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:11:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:11:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:11:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:11:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:11:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:11:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:11:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:11:DA:O5'	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CB	2:X:11:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:11:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:11:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:12:DG:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:12:DG:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:12:DG:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:12:DG:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:12:DG:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:12:DG:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:12:DG:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:12:DG:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:12:DG:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:12:DG:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:12:DG:H1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:12:DG:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:12:DG:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:12:DG:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:12:DG:H21	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:12:DG:H22	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:12:DG:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:12:DG:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:12:DG:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:12:DG:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:12:DG:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:12:DG:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:12:DG:N2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:12:DG:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:12:DG:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:12:DG:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:12:DG:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:12:DG:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:12:DG:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:12:DG:O6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:12:DG:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:12:DG:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:12:DG:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:13:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:13:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:13:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:13:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:13:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:13:DT:C4'	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CB	2:X:13:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:13:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:13:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:13:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:13:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:13:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:13:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:13:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:13:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:13:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:13:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:13:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:13:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:13:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:13:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:13:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:13:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:13:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:13:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:13:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:13:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:13:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:13:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:13:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:13:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	2:X:13:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:3:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:3:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:3:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:3:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:3:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:3:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:3:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:3:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:3:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:3:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:3:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:3:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:3:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:3:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:3:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:3:DA:H4'	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CB	3:Y:3:DA:H5 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:3:DA:H5 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:3:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:3:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:3:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:3:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:3:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:3:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:3:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:3:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:3:DA:O3 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:3:DA:O4 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:3:DA:O5 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:3:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:3:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:3:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:4:DC:C1 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:4:DC:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:4:DC:C2 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:4:DC:C3 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:4:DC:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:4:DC:C4 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:4:DC:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:4:DC:C5 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:4:DC:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:4:DC:H1 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:4:DC:H2 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:4:DC:H2 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:4:DC:H3 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:4:DC:H4 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:4:DC:H41	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:4:DC:H42	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:4:DC:H5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:4:DC:H5 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:4:DC:H5 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:4:DC:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:4:DC:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:4:DC:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:4:DC:N4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:4:DC:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:4:DC:O3 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:4:DC:O4 [?]	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CB	3:Y:4:DC:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:4:DC:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:4:DC:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:4:DC:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:5:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:5:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:5:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:5:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:5:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:5:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:5:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:5:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:5:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:5:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:5:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:5:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:5:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:5:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:5:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:5:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:5:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:5:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:5:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:5:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:5:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:5:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:5:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:5:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:5:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:5:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:5:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:5:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:5:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:5:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:5:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:5:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:6:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:6:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:6:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:6:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:6:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:6:DA:C4'	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CB	3:Y:6:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:6:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:6:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:6:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:6:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:6:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:6:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:6:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:6:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:6:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:6:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:6:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:6:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:6:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:6:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:6:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:6:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:6:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:6:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:6:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:6:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:6:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:6:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:6:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:6:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:6:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:7:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:7:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:7:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:7:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:7:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:7:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:7:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:7:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:7:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:7:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:7:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:7:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:7:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:7:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:7:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:7:DT:H4'	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CB	3:Y:7:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:7:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:7:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:7:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:7:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:7:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:7:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:7:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:7:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:7:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:7:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:7:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:7:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:7:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:7:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:7:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:8:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:8:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:8:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:8:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:8:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:8:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:8:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:8:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:8:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:8:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:8:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:8:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:8:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:8:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:8:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:8:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:8:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:8:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:8:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:8:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:8:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:8:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:8:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:8:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:8:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:8:DA:N9	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CB	3:Y:8:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:8:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:8:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:8:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:8:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:8:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:9:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:9:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:9:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:9:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:9:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:9:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:9:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:9:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:9:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:9:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:9:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:9:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:9:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:9:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:9:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:9:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:9:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:9:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:9:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:9:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:9:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:9:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:9:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:9:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:9:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:9:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:9:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:9:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:9:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:9:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:9:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:9:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:10:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:10:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:10:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:10:DA:C3'	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CB	3:Y:10:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:10:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:10:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:10:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:10:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:10:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:10:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:10:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:10:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:10:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:10:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:10:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:10:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:10:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:10:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:10:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:10:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:10:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:10:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:10:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:10:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:10:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:10:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:10:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:10:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:10:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:10:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:10:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:11:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:11:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:11:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:11:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:11:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:11:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:11:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:11:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:11:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:11:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:11:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:11:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:11:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:11:DT:H3	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CB	3:Y:11:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:11:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:11:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:11:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:11:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:11:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:11:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:11:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:11:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:11:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:11:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:11:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:11:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:11:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:11:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:11:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:11:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:11:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:12:DC:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:12:DC:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:12:DC:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:12:DC:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:12:DC:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:12:DC:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:12:DC:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:12:DC:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:12:DC:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:12:DC:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:12:DC:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:12:DC:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:12:DC:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:12:DC:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:12:DC:H41	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:12:DC:H42	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:12:DC:H5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:12:DC:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:12:DC:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:12:DC:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:12:DC:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:12:DC:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:12:DC:N4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:12:DC:O2	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CB	3:Y:12:DC:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:12:DC:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:12:DC:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:12:DC:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:12:DC:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:12:DC:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:13:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:13:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:13:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:13:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:13:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:13:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:13:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:13:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:13:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:13:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:13:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:13:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:13:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:13:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:13:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:13:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:13:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:13:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:13:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:13:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:13:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:13:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:13:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:13:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:13:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:13:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:13:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:13:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:13:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:13:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:13:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CB	3:Y:13:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:3:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:3:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:3:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:3:DT:C3'	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CD	2:X:3:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:3:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:3:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:3:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:3:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:3:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:3:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:3:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:3:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:3:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:3:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:3:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:3:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:3:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:3:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:3:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:3:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:3:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:3:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:3:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:3:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:3:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:3:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:3:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:3:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:3:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:3:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:3:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:4:DG:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:4:DG:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:4:DG:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:4:DG:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:4:DG:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:4:DG:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:4:DG:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:4:DG:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:4:DG:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:4:DG:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:4:DG:H1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:4:DG:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:4:DG:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:4:DG:H2''	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CD	2:X:4:DG:H21	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:4:DG:H22	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:4:DG:H3 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:4:DG:H4 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:4:DG:H5 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:4:DG:H5 ^{''}	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:4:DG:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:4:DG:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:4:DG:N2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:4:DG:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:4:DG:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:4:DG:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:4:DG:O3 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:4:DG:O4 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:4:DG:O5 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:4:DG:O6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:4:DG:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:4:DG:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:4:DG:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:5:DA:C1 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:5:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:5:DA:C2 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:5:DA:C3 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:5:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:5:DA:C4 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:5:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:5:DA:C5 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:5:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:5:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:5:DA:H1 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:5:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:5:DA:H2 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:5:DA:H2 ^{''}	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:5:DA:H3 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:5:DA:H4 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:5:DA:H5 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:5:DA:H5 ^{''}	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:5:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:5:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:5:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:5:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:5:DA:N3	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CD	2:X:5:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:5:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:5:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:5:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:5:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:5:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:5:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:5:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:5:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:6:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:6:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:6:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:6:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:6:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:6:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:6:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:6:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:6:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:6:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:6:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:6:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:6:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:6:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:6:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:6:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:6:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:6:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:6:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:6:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:6:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:6:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:6:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:6:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:6:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:6:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:6:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:6:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:6:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:6:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:6:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:6:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:7:DA:C1'	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CD	2:X:7:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:7:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:7:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:7:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:7:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:7:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:7:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:7:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:7:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:7:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:7:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:7:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:7:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:7:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:7:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:7:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:7:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:7:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:7:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:7:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:7:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:7:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:7:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:7:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:7:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:7:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:7:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:7:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:7:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:7:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:7:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:8:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:8:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:8:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:8:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:8:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:8:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:8:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:8:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:8:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:8:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:8:DT:H1'	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CD	2:X:8:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:8:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:8:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:8:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:8:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:8:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:8:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:8:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:8:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:8:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:8:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:8:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:8:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:8:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:8:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:8:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:8:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:8:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:8:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:8:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:8:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:9:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:9:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:9:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:9:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:9:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:9:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:9:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:9:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:9:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:9:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:9:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:9:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:9:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:9:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:9:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:9:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:9:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:9:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:9:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:9:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:9:DA:H8	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CD	2:X:9:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:9:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:9:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:9:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:9:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:9:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:9:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:9:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:9:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:9:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:9:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:10:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:10:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:10:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:10:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:10:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:10:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:10:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:10:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:10:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:10:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:10:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:10:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:10:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:10:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:10:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:10:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:10:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:10:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:10:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:10:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:10:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:10:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:10:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:10:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:10:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:10:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:10:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:10:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:10:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:10:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:10:DT:OP2	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CD	2:X:10:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:11:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:11:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:11:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:11:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:11:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:11:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:11:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:11:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:11:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:11:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:11:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:11:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:11:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:11:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:11:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:11:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:11:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:11:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:11:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:11:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:11:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:11:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:11:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:11:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:11:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:11:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:11:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:11:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:11:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:11:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:11:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:11:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:12:DG:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:12:DG:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:12:DG:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:12:DG:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:12:DG:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:12:DG:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:12:DG:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:12:DG:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:12:DG:C6	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CD	2:X:12:DG:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:12:DG:H1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:12:DG:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:12:DG:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:12:DG:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:12:DG:H21	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:12:DG:H22	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:12:DG:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:12:DG:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:12:DG:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:12:DG:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:12:DG:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:12:DG:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:12:DG:N2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:12:DG:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:12:DG:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:12:DG:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:12:DG:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:12:DG:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:12:DG:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:12:DG:O6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:12:DG:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:12:DG:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:12:DG:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:13:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:13:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:13:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:13:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:13:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:13:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:13:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:13:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:13:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:13:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:13:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:13:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:13:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:13:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:13:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:13:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:13:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:13:DT:H5''	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CD	2:X:13:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:13:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:13:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:13:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:13:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:13:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:13:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:13:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:13:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:13:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:13:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:13:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:13:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	2:X:13:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:3:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:3:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:3:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:3:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:3:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:3:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:3:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:3:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:3:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:3:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:3:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:3:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:3:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:3:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:3:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:3:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:3:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:3:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:3:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:3:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:3:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:3:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:3:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:3:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:3:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:3:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:3:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:3:DA:O4'	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CD	3:Y:3:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:3:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:3:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:3:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:4:DC:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:4:DC:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:4:DC:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:4:DC:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:4:DC:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:4:DC:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:4:DC:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:4:DC:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:4:DC:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:4:DC:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:4:DC:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:4:DC:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:4:DC:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:4:DC:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:4:DC:H41	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:4:DC:H42	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:4:DC:H5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:4:DC:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:4:DC:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:4:DC:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:4:DC:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:4:DC:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:4:DC:N4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:4:DC:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:4:DC:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:4:DC:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:4:DC:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:4:DC:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:4:DC:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:4:DC:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:5:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:5:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:5:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:5:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:5:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:5:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:5:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:5:DT:C5'	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CD	3:Y:5:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:5:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:5:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:5:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:5:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:5:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:5:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:5:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:5:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:5:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:5:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:5:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:5:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:5:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:5:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:5:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:5:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:5:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:5:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:5:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:5:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:5:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:5:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:5:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:6:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:6:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:6:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:6:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:6:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:6:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:6:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:6:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:6:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:6:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:6:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:6:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:6:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:6:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:6:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:6:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:6:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:6:DA:H5''	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CD	3:Y:6:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:6:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:6:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:6:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:6:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:6:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:6:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:6:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:6:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:6:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:6:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:6:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:6:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:6:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:7:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:7:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:7:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:7:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:7:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:7:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:7:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:7:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:7:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:7:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:7:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:7:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:7:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:7:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:7:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:7:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:7:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:7:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:7:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:7:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:7:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:7:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:7:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:7:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:7:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:7:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:7:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:7:DT:O4'	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CD	3:Y:7:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:7:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:7:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:7:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:8:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:8:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:8:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:8:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:8:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:8:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:8:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:8:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:8:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:8:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:8:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:8:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:8:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:8:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:8:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:8:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:8:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:8:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:8:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:8:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:8:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:8:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:8:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:8:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:8:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:8:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:8:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:8:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:8:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:8:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:8:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:8:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:9:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:9:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:9:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:9:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:9:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:9:DT:C4'	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CD	3:Y:9:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:9:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:9:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:9:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:9:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:9:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:9:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:9:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:9:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:9:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:9:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:9:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:9:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:9:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:9:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:9:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:9:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:9:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:9:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:9:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:9:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:9:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:9:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:9:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:9:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:9:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:10:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:10:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:10:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:10:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:10:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:10:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:10:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:10:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:10:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:10:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:10:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:10:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:10:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:10:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:10:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:10:DA:H4'	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CD	3:Y:10:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:10:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:10:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:10:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:10:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:10:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:10:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:10:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:10:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:10:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:10:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:10:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:10:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:10:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:10:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:10:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:11:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:11:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:11:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:11:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:11:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:11:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:11:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:11:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:11:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:11:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:11:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:11:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:11:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:11:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:11:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:11:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:11:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:11:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:11:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:11:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:11:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:11:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:11:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:11:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:11:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:11:DT:O3'	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CD	3:Y:11:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:11:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:11:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:11:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:11:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:11:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:12:DC:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:12:DC:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:12:DC:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:12:DC:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:12:DC:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:12:DC:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:12:DC:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:12:DC:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:12:DC:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:12:DC:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:12:DC:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:12:DC:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:12:DC:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:12:DC:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:12:DC:H41	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:12:DC:H42	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:12:DC:H5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:12:DC:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:12:DC:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:12:DC:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:12:DC:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:12:DC:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:12:DC:N4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:12:DC:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:12:DC:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:12:DC:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:12:DC:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:12:DC:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:12:DC:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:12:DC:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:13:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:13:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:13:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:13:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:13:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:13:DA:C4'	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CD	3:Y:13:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:13:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:13:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:13:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:13:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:13:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:13:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:13:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:13:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:13:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:13:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:13:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:13:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:13:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:13:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:13:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:13:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:13:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:13:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:13:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:13:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:13:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:13:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:13:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:13:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CD	3:Y:13:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:3:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:3:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:3:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:3:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:3:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:3:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:3:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:3:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:3:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:3:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:3:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:3:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:3:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:3:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:3:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:3:DT:H4'	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CG	2:X:3:DT:H5 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:3:DT:H5 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:3:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:3:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:3:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:3:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:3:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:3:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:3:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:3:DT:O3 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:3:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:3:DT:O4 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:3:DT:O5 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:3:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:3:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:3:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:4:DG:C1 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:4:DG:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:4:DG:C2 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:4:DG:C3 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:4:DG:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:4:DG:C4 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:4:DG:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:4:DG:C5 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:4:DG:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:4:DG:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:4:DG:H1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:4:DG:H1 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:4:DG:H2 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:4:DG:H2 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:4:DG:H21	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:4:DG:H22	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:4:DG:H3 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:4:DG:H4 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:4:DG:H5 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:4:DG:H5 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:4:DG:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:4:DG:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:4:DG:N2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:4:DG:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:4:DG:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:4:DG:N9	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CG	2:X:4:DG:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:4:DG:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:4:DG:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:4:DG:O6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:4:DG:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:4:DG:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:4:DG:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:5:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:5:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:5:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:5:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:5:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:5:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:5:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:5:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:5:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:5:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:5:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:5:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:5:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:5:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:5:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:5:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:5:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:5:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:5:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:5:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:5:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:5:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:5:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:5:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:5:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:5:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:5:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:5:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:5:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:5:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:5:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:5:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:6:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:6:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:6:DT:C2'	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CG	2:X:6:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:6:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:6:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:6:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:6:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:6:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:6:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:6:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:6:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:6:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:6:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:6:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:6:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:6:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:6:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:6:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:6:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:6:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:6:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:6:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:6:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:6:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:6:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:6:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:6:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:6:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:6:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:6:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:6:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:7:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:7:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:7:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:7:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:7:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:7:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:7:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:7:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:7:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:7:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:7:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:7:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:7:DA:H2'	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CG	2:X:7:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:7:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:7:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:7:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:7:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:7:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:7:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:7:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:7:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:7:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:7:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:7:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:7:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:7:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:7:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:7:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:7:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:7:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:7:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:8:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:8:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:8:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:8:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:8:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:8:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:8:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:8:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:8:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:8:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:8:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:8:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:8:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:8:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:8:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:8:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:8:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:8:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:8:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:8:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:8:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:8:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:8:DT:N1	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CG	2:X:8:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:8:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:8:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:8:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:8:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:8:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:8:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:8:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:8:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:9:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:9:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:9:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:9:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:9:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:9:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:9:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:9:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:9:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:9:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:9:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:9:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:9:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:9:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:9:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:9:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:9:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:9:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:9:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:9:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:9:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:9:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:9:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:9:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:9:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:9:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:9:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:9:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:9:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:9:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:9:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:9:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:10:DT:C1'	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CG	2:X:10:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:10:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:10:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:10:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:10:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:10:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:10:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:10:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:10:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:10:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:10:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:10:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:10:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:10:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:10:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:10:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:10:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:10:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:10:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:10:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:10:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:10:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:10:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:10:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:10:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:10:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:10:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:10:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:10:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:10:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:10:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:11:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:11:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:11:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:11:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:11:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:11:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:11:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:11:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:11:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:11:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:11:DA:H1'	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CG	2:X:11:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:11:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:11:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:11:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:11:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:11:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:11:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:11:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:11:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:11:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:11:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:11:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:11:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:11:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:11:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:11:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:11:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:11:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:11:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:11:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:11:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:12:DG:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:12:DG:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:12:DG:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:12:DG:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:12:DG:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:12:DG:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:12:DG:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:12:DG:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:12:DG:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:12:DG:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:12:DG:H1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:12:DG:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:12:DG:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:12:DG:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:12:DG:H21	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:12:DG:H22	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:12:DG:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:12:DG:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:12:DG:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:12:DG:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:12:DG:H8	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CG	2:X:12:DG:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:12:DG:N2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:12:DG:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:12:DG:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:12:DG:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:12:DG:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:12:DG:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:12:DG:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:12:DG:O6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:12:DG:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:12:DG:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:12:DG:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:13:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:13:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:13:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:13:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:13:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:13:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:13:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:13:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:13:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:13:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:13:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:13:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:13:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:13:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:13:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:13:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:13:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:13:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:13:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:13:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:13:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:13:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:13:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:13:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:13:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:13:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:13:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:13:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:13:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:13:DT:OP1	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CG	2:X:13:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	2:X:13:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:3:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:3:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:3:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:3:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:3:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:3:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:3:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:3:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:3:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:3:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:3:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:3:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:3:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:3:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:3:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:3:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:3:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:3:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:3:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:3:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:3:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:3:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:3:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:3:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:3:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:3:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:3:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:3:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:3:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:3:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:3:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:3:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:4:DC:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:4:DC:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:4:DC:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:4:DC:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:4:DC:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:4:DC:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:4:DC:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:4:DC:C5'	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CG	3:Y:4:DC:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:4:DC:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:4:DC:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:4:DC:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:4:DC:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:4:DC:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:4:DC:H41	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:4:DC:H42	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:4:DC:H5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:4:DC:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:4:DC:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:4:DC:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:4:DC:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:4:DC:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:4:DC:N4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:4:DC:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:4:DC:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:4:DC:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:4:DC:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:4:DC:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:4:DC:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:4:DC:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:5:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:5:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:5:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:5:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:5:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:5:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:5:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:5:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:5:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:5:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:5:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:5:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:5:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:5:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:5:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:5:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:5:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:5:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:5:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:5:DT:H71	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CG	3:Y:5:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:5:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:5:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:5:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:5:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:5:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:5:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:5:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:5:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:5:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:5:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:5:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:6:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:6:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:6:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:6:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:6:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:6:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:6:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:6:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:6:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:6:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:6:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:6:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:6:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:6:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:6:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:6:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:6:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:6:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:6:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:6:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:6:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:6:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:6:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:6:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:6:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:6:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:6:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:6:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:6:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:6:DA:OP1	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CG	3:Y:6:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:6:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:7:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:7:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:7:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:7:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:7:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:7:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:7:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:7:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:7:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:7:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:7:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:7:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:7:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:7:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:7:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:7:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:7:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:7:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:7:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:7:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:7:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:7:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:7:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:7:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:7:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:7:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:7:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:7:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:7:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:7:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:7:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:7:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:8:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:8:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:8:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:8:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:8:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:8:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:8:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:8:DA:C5'	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CG	3:Y:8:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:8:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:8:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:8:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:8:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:8:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:8:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:8:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:8:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:8:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:8:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:8:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:8:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:8:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:8:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:8:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:8:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:8:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:8:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:8:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:8:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:8:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:8:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:8:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:9:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:9:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:9:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:9:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:9:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:9:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:9:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:9:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:9:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:9:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:9:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:9:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:9:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:9:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:9:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:9:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:9:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:9:DT:H5''	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CG	3:Y:9:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:9:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:9:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:9:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:9:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:9:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:9:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:9:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:9:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:9:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:9:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:9:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:9:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:9:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:10:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:10:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:10:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:10:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:10:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:10:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:10:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:10:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:10:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:10:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:10:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:10:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:10:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:10:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:10:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:10:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:10:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:10:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:10:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:10:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:10:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:10:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:10:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:10:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:10:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:10:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:10:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:10:DA:O4'	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CG	3:Y:10:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:10:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:10:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:10:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:11:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:11:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:11:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:11:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:11:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:11:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:11:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:11:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:11:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:11:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:11:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:11:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:11:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:11:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:11:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:11:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:11:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:11:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:11:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:11:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:11:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:11:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:11:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:11:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:11:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:11:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:11:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:11:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:11:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:11:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:11:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:11:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:12:DC:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:12:DC:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:12:DC:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:12:DC:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:12:DC:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:12:DC:C4'	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CG	3:Y:12:DC:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:12:DC:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:12:DC:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:12:DC:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:12:DC:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:12:DC:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:12:DC:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:12:DC:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:12:DC:H41	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:12:DC:H42	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:12:DC:H5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:12:DC:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:12:DC:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:12:DC:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:12:DC:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:12:DC:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:12:DC:N4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:12:DC:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:12:DC:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:12:DC:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:12:DC:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:12:DC:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:12:DC:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:12:DC:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:13:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:13:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:13:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:13:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:13:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:13:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:13:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:13:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:13:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:13:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:13:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:13:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:13:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:13:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:13:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:13:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:13:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:13:DA:H5''	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:CG	3:Y:13:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:13:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:13:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:13:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:13:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:13:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:13:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:13:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:13:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:13:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:13:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:13:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:13:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:CG	3:Y:13:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:3:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:3:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:3:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:3:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:3:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:3:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:3:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:3:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:3:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:3:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:3:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:3:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:3:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:3:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:3:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:3:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:3:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:3:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:3:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:3:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:3:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:3:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:3:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:3:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:3:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:3:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:3:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:3:DT:O4'	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:N	2:X:3:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:3:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:3:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:3:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:4:DG:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:4:DG:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:4:DG:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:4:DG:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:4:DG:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:4:DG:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:4:DG:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:4:DG:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:4:DG:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:4:DG:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:4:DG:H1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:4:DG:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:4:DG:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:4:DG:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:4:DG:H21	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:4:DG:H22	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:4:DG:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:4:DG:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:4:DG:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:4:DG:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:4:DG:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:4:DG:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:4:DG:N2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:4:DG:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:4:DG:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:4:DG:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:4:DG:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:4:DG:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:4:DG:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:4:DG:O6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:4:DG:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:4:DG:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:4:DG:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:5:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:5:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:5:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:5:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:5:DA:C4	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:N	2:X:5:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:5:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:5:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:5:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:5:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:5:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:5:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:5:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:5:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:5:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:5:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:5:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:5:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:5:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:5:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:5:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:5:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:5:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:5:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:5:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:5:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:5:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:5:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:5:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:5:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:5:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:5:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:6:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:6:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:6:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:6:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:6:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:6:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:6:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:6:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:6:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:6:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:6:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:6:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:6:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:6:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:6:DT:H3'	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:N	2:X:6:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:6:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:6:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:6:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:6:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:6:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:6:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:6:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:6:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:6:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:6:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:6:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:6:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:6:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:6:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:6:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:6:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:7:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:7:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:7:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:7:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:7:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:7:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:7:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:7:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:7:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:7:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:7:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:7:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:7:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:7:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:7:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:7:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:7:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:7:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:7:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:7:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:7:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:7:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:7:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:7:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:7:DA:N7	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:N	2:X:7:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:7:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:7:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:7:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:7:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:7:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:7:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:8:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:8:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:8:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:8:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:8:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:8:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:8:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:8:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:8:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:8:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:8:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:8:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:8:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:8:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:8:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:8:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:8:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:8:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:8:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:8:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:8:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:8:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:8:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:8:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:8:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:8:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:8:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:8:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:8:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:8:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:8:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:8:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:9:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:9:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:9:DA:C2'	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:N	2:X:9:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:9:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:9:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:9:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:9:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:9:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:9:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:9:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:9:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:9:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:9:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:9:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:9:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:9:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:9:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:9:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:9:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:9:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:9:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:9:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:9:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:9:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:9:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:9:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:9:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:9:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:9:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:9:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:9:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:10:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:10:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:10:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:10:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:10:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:10:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:10:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:10:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:10:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:10:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:10:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:10:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:10:DT:H2''	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:N	2:X:10:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:10:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:10:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:10:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:10:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:10:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:10:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:10:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:10:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:10:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:10:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:10:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:10:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:10:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:10:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:10:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:10:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:10:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:10:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:11:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:11:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:11:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:11:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:11:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:11:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:11:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:11:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:11:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:11:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:11:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:11:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:11:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:11:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:11:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:11:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:11:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:11:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:11:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:11:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:11:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:11:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:11:DA:N3	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:N	2:X:11:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:11:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:11:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:11:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:11:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:11:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:11:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:11:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:11:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:12:DG:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:12:DG:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:12:DG:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:12:DG:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:12:DG:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:12:DG:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:12:DG:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:12:DG:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:12:DG:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:12:DG:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:12:DG:H1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:12:DG:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:12:DG:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:12:DG:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:12:DG:H21	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:12:DG:H22	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:12:DG:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:12:DG:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:12:DG:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:12:DG:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:12:DG:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:12:DG:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:12:DG:N2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:12:DG:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:12:DG:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:12:DG:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:12:DG:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:12:DG:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:12:DG:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:12:DG:O6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:12:DG:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:12:DG:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:12:DG:P	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:N	2:X:13:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:13:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:13:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:13:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:13:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:13:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:13:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:13:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:13:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:13:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:13:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:13:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:13:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:13:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:13:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:13:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:13:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:13:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:13:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:13:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:13:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:13:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:13:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:13:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:13:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:13:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:13:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:13:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:13:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:13:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:13:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	2:X:13:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:3:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:3:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:3:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:3:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:3:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:3:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:3:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:3:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:3:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:3:DA:C8	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:N	3:Y:3:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:3:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:3:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:3:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:3:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:3:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:3:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:3:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:3:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:3:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:3:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:3:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:3:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:3:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:3:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:3:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:3:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:3:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:3:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:3:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:3:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:3:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:4:DC:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:4:DC:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:4:DC:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:4:DC:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:4:DC:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:4:DC:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:4:DC:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:4:DC:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:4:DC:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:4:DC:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:4:DC:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:4:DC:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:4:DC:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:4:DC:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:4:DC:H41	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:4:DC:H42	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:4:DC:H5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:4:DC:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:4:DC:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:4:DC:H6	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:N	3:Y:4:DC:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:4:DC:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:4:DC:N4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:4:DC:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:4:DC:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:4:DC:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:4:DC:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:4:DC:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:4:DC:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:4:DC:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:5:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:5:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:5:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:5:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:5:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:5:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:5:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:5:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:5:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:5:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:5:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:5:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:5:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:5:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:5:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:5:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:5:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:5:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:5:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:5:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:5:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:5:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:5:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:5:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:5:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:5:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:5:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:5:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:5:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:5:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:5:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:5:DT:P	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:N	3:Y:6:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:6:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:6:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:6:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:6:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:6:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:6:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:6:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:6:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:6:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:6:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:6:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:6:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:6:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:6:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:6:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:6:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:6:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:6:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:6:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:6:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:6:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:6:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:6:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:6:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:6:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:6:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:6:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:6:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:6:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:6:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:6:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:7:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:7:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:7:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:7:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:7:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:7:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:7:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:7:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:7:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:7:DT:C7	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:N	3:Y:7:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:7:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:7:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:7:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:7:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:7:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:7:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:7:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:7:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:7:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:7:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:7:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:7:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:7:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:7:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:7:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:7:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:7:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:7:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:7:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:7:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:7:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:8:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:8:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:8:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:8:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:8:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:8:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:8:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:8:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:8:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:8:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:8:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:8:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:8:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:8:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:8:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:8:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:8:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:8:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:8:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:8:DA:H62	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:N	3:Y:8:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:8:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:8:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:8:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:8:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:8:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:8:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:8:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:8:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:8:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:8:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:8:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:9:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:9:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:9:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:9:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:9:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:9:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:9:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:9:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:9:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:9:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:9:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:9:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:9:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:9:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:9:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:9:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:9:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:9:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:9:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:9:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:9:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:9:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:9:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:9:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:9:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:9:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:9:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:9:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:9:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:9:DT:OP1	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:N	3:Y:9:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:9:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:10:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:10:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:10:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:10:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:10:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:10:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:10:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:10:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:10:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:10:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:10:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:10:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:10:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:10:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:10:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:10:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:10:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:10:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:10:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:10:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:10:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:10:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:10:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:10:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:10:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:10:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:10:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:10:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:10:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:10:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:10:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:10:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:11:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:11:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:11:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:11:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:11:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:11:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:11:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:11:DT:C5'	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:N	3:Y:11:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:11:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:11:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:11:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:11:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:11:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:11:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:11:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:11:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:11:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:11:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:11:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:11:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:11:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:11:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:11:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:11:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:11:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:11:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:11:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:11:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:11:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:11:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:11:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:12:DC:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:12:DC:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:12:DC:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:12:DC:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:12:DC:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:12:DC:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:12:DC:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:12:DC:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:12:DC:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:12:DC:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:12:DC:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:12:DC:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:12:DC:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:12:DC:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:12:DC:H41	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:12:DC:H42	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:12:DC:H5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:12:DC:H5'	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:N	3:Y:12:DC:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:12:DC:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:12:DC:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:12:DC:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:12:DC:N4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:12:DC:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:12:DC:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:12:DC:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:12:DC:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:12:DC:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:12:DC:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:12:DC:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:13:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:13:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:13:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:13:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:13:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:13:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:13:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:13:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:13:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:13:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:13:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:13:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:13:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:13:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:13:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:13:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:13:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:13:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:13:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:13:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:13:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:13:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:13:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:13:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:13:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:13:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:13:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:13:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:13:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:13:DA:OP1	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:N	3:Y:13:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:N	3:Y:13:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:3:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:3:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:3:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:3:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:3:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:3:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:3:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:3:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:3:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:3:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:3:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:3:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:3:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:3:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:3:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:3:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:3:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:3:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:3:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:3:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:3:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:3:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:3:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:3:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:3:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:3:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:3:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:3:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:3:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:3:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:3:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:3:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:4:DG:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:4:DG:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:4:DG:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:4:DG:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:4:DG:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:4:DG:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:4:DG:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:4:DG:C5'	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:O	2:X:4:DG:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:4:DG:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:4:DG:H1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:4:DG:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:4:DG:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:4:DG:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:4:DG:H21	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:4:DG:H22	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:4:DG:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:4:DG:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:4:DG:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:4:DG:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:4:DG:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:4:DG:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:4:DG:N2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:4:DG:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:4:DG:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:4:DG:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:4:DG:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:4:DG:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:4:DG:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:4:DG:O6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:4:DG:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:4:DG:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:4:DG:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:5:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:5:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:5:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:5:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:5:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:5:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:5:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:5:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:5:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:5:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:5:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:5:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:5:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:5:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:5:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:5:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:5:DA:H5'	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:O	2:X:5:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:5:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:5:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:5:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:5:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:5:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:5:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:5:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:5:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:5:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:5:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:5:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:5:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:5:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:5:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:6:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:6:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:6:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:6:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:6:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:6:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:6:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:6:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:6:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:6:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:6:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:6:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:6:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:6:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:6:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:6:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:6:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:6:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:6:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:6:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:6:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:6:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:6:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:6:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:6:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:6:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:6:DT:O4	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:O	2:X:6:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:6:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:6:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:6:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:6:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:7:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:7:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:7:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:7:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:7:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:7:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:7:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:7:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:7:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:7:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:7:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:7:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:7:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:7:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:7:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:7:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:7:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:7:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:7:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:7:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:7:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:7:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:7:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:7:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:7:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:7:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:7:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:7:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:7:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:7:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:7:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:7:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:8:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:8:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:8:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:8:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:8:DT:C4	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:O	2:X:8:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:8:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:8:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:8:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:8:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:8:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:8:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:8:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:8:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:8:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:8:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:8:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:8:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:8:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:8:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:8:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:8:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:8:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:8:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:8:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:8:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:8:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:8:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:8:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:8:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:8:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:8:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:9:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:9:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:9:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:9:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:9:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:9:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:9:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:9:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:9:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:9:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:9:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:9:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:9:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:9:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:9:DA:H3'	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:O	2:X:9:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:9:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:9:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:9:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:9:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:9:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:9:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:9:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:9:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:9:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:9:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:9:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:9:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:9:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:9:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:9:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:9:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:10:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:10:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:10:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:10:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:10:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:10:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:10:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:10:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:10:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:10:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:10:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:10:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:10:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:10:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:10:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:10:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:10:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:10:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:10:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:10:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:10:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:10:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:10:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:10:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:10:DT:O2	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:O	2:X:10:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:10:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:10:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:10:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:10:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:10:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:10:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:11:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:11:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:11:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:11:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:11:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:11:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:11:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:11:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:11:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:11:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:11:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:11:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:11:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:11:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:11:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:11:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:11:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:11:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:11:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:11:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:11:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:11:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:11:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:11:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:11:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:11:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:11:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:11:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:11:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:11:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:11:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:11:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:12:DG:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:12:DG:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:12:DG:C2'	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:O	2:X:12:DG:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:12:DG:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:12:DG:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:12:DG:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:12:DG:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:12:DG:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:12:DG:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:12:DG:H1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:12:DG:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:12:DG:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:12:DG:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:12:DG:H21	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:12:DG:H22	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:12:DG:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:12:DG:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:12:DG:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:12:DG:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:12:DG:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:12:DG:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:12:DG:N2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:12:DG:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:12:DG:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:12:DG:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:12:DG:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:12:DG:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:12:DG:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:12:DG:O6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:12:DG:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:12:DG:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:12:DG:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:13:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:13:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:13:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:13:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:13:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:13:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:13:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:13:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:13:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:13:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:13:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:13:DT:H2'	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:O	2:X:13:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:13:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:13:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:13:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:13:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:13:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:13:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:13:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:13:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:13:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:13:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:13:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:13:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:13:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:13:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:13:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:13:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:13:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:13:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	2:X:13:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:3:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:3:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:3:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:3:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:3:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:3:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:3:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:3:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:3:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:3:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:3:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:3:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:3:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:3:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:3:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:3:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:3:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:3:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:3:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:3:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:3:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:3:DA:N1	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:O	3:Y:3:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:3:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:3:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:3:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:3:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:3:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:3:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:3:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:3:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:3:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:4:DC:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:4:DC:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:4:DC:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:4:DC:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:4:DC:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:4:DC:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:4:DC:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:4:DC:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:4:DC:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:4:DC:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:4:DC:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:4:DC:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:4:DC:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:4:DC:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:4:DC:H41	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:4:DC:H42	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:4:DC:H5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:4:DC:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:4:DC:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:4:DC:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:4:DC:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:4:DC:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:4:DC:N4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:4:DC:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:4:DC:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:4:DC:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:4:DC:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:4:DC:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:4:DC:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:4:DC:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:5:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:5:DT:C2	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:O	3:Y:5:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:5:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:5:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:5:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:5:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:5:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:5:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:5:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:5:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:5:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:5:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:5:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:5:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:5:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:5:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:5:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:5:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:5:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:5:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:5:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:5:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:5:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:5:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:5:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:5:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:5:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:5:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:5:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:5:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:5:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:6:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:6:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:6:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:6:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:6:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:6:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:6:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:6:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:6:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:6:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:6:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:6:DA:H2	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:O	3:Y:6:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:6:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:6:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:6:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:6:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:6:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:6:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:6:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:6:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:6:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:6:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:6:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:6:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:6:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:6:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:6:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:6:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:6:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:6:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:6:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:7:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:7:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:7:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:7:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:7:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:7:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:7:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:7:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:7:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:7:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:7:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:7:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:7:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:7:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:7:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:7:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:7:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:7:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:7:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:7:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:7:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:7:DT:H73	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:O	3:Y:7:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:7:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:7:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:7:DT:O3 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:7:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:7:DT:O4 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:7:DT:O5 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:7:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:7:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:7:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:8:DA:C1 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:8:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:8:DA:C2 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:8:DA:C3 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:8:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:8:DA:C4 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:8:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:8:DA:C5 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:8:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:8:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:8:DA:H1 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:8:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:8:DA:H2 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:8:DA:H2 ^{??}	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:8:DA:H3 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:8:DA:H4 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:8:DA:H5 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:8:DA:H5 ^{??}	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:8:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:8:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:8:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:8:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:8:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:8:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:8:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:8:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:8:DA:O3 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:8:DA:O4 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:8:DA:O5 [?]	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:8:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:8:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:8:DA:P	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:O	3:Y:9:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:9:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:9:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:9:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:9:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:9:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:9:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:9:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:9:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:9:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:9:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:9:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:9:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:9:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:9:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:9:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:9:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:9:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:9:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:9:DT:H71	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:9:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:9:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:9:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:9:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:9:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:9:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:9:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:9:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:9:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:9:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:9:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:9:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:10:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:10:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:10:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:10:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:10:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:10:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:10:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:10:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:10:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:10:DA:C8	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:O	3:Y:10:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:10:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:10:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:10:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:10:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:10:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:10:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:10:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:10:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:10:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:10:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:10:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:10:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:10:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:10:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:10:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:10:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:10:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:10:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:10:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:10:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:10:DA:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:11:DT:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:11:DT:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:11:DT:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:11:DT:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:11:DT:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:11:DT:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:11:DT:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:11:DT:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:11:DT:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:11:DT:C7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:11:DT:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:11:DT:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:11:DT:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:11:DT:H3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:11:DT:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:11:DT:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:11:DT:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:11:DT:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:11:DT:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:11:DT:H71	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:O	3:Y:11:DT:H72	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:11:DT:H73	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:11:DT:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:11:DT:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:11:DT:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:11:DT:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:11:DT:O4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:11:DT:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:11:DT:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:11:DT:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:11:DT:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:11:DT:P	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:12:DC:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:12:DC:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:12:DC:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:12:DC:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:12:DC:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:12:DC:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:12:DC:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:12:DC:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:12:DC:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:12:DC:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:12:DC:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:12:DC:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:12:DC:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:12:DC:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:12:DC:H41	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:12:DC:H42	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:12:DC:H5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:12:DC:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:12:DC:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:12:DC:H6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:12:DC:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:12:DC:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:12:DC:N4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:12:DC:O2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:12:DC:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:12:DC:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:12:DC:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:12:DC:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:12:DC:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:12:DC:P	5	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,18)	1:B:18:PRO:O	3:Y:13:DA:C1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:13:DA:C2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:13:DA:C2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:13:DA:C3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:13:DA:C4	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:13:DA:C4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:13:DA:C5	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:13:DA:C5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:13:DA:C6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:13:DA:C8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:13:DA:H1'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:13:DA:H2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:13:DA:H2'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:13:DA:H2''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:13:DA:H3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:13:DA:H4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:13:DA:H5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:13:DA:H5''	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:13:DA:H61	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:13:DA:H62	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:13:DA:H8	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:13:DA:N1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:13:DA:N3	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:13:DA:N6	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:13:DA:N7	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:13:DA:N9	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:13:DA:O3'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:13:DA:O4'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:13:DA:O5'	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:13:DA:OP1	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:13:DA:OP2	5	0.23	0.1	0.2
(1,18)	1:B:18:PRO:O	3:Y:13:DA:P	5	0.23	0.1	0.2
(1,10)	1:A:20:THR:C	2:X:3:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:3:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:3:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:3:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:3:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:3:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:3:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:3:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:3:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:3:DT:C7	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:C	2:X:3:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:3:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:3:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:3:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:3:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:3:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:3:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:3:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:3:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:3:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:3:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:3:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:3:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:3:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:3:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:3:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:3:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:3:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:3:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:3:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:3:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:3:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:4:DG:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:4:DG:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:4:DG:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:4:DG:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:4:DG:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:4:DG:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:4:DG:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:4:DG:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:4:DG:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:4:DG:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:4:DG:H1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:4:DG:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:4:DG:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:4:DG:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:4:DG:H21	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:4:DG:H22	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:4:DG:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:4:DG:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:4:DG:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:4:DG:H5''	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:C	2:X:4:DG:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:4:DG:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:4:DG:N2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:4:DG:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:4:DG:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:4:DG:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:4:DG:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:4:DG:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:4:DG:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:4:DG:O6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:4:DG:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:4:DG:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:4:DG:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:5:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:5:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:5:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:5:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:5:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:5:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:5:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:5:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:5:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:5:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:5:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:5:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:5:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:5:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:5:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:5:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:5:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:5:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:5:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:5:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:5:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:5:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:5:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:5:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:5:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:5:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:5:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:5:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:5:DA:O5'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:C	2:X:5:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:5:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:5:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:6:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:6:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:6:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:6:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:6:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:6:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:6:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:6:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:6:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:6:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:6:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:6:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:6:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:6:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:6:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:6:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:6:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:6:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:6:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:6:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:6:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:6:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:6:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:6:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:6:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:6:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:6:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:6:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:6:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:6:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:6:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:6:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:7:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:7:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:7:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:7:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:7:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:7:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:7:DA:C5	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:C	2:X:7:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:7:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:7:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:7:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:7:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:7:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:7:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:7:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:7:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:7:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:7:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:7:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:7:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:7:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:7:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:7:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:7:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:7:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:7:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:7:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:7:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:7:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:7:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:7:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:7:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:8:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:8:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:8:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:8:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:8:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:8:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:8:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:8:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:8:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:8:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:8:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:8:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:8:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:8:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:8:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:8:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:8:DT:H5'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:C	2:X:8:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:8:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:8:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:8:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:8:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:8:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:8:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:8:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:8:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:8:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:8:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:8:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:8:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:8:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:8:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:9:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:9:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:9:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:9:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:9:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:9:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:9:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:9:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:9:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:9:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:9:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:9:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:9:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:9:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:9:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:9:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:9:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:9:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:9:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:9:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:9:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:9:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:9:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:9:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:9:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:9:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:9:DA:O3'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:C	2:X:9:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:9:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:9:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:9:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:9:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:10:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:10:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:10:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:10:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:10:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:10:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:10:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:10:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:10:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:10:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:10:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:10:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:10:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:10:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:10:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:10:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:10:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:10:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:10:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:10:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:10:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:10:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:10:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:10:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:10:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:10:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:10:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:10:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:10:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:10:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:10:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:10:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:11:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:11:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:11:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:11:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:11:DA:C4	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:C	2:X:11:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:11:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:11:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:11:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:11:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:11:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:11:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:11:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:11:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:11:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:11:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:11:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:11:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:11:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:11:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:11:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:11:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:11:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:11:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:11:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:11:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:11:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:11:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:11:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:11:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:11:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:11:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:12:DG:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:12:DG:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:12:DG:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:12:DG:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:12:DG:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:12:DG:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:12:DG:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:12:DG:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:12:DG:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:12:DG:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:12:DG:H1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:12:DG:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:12:DG:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:12:DG:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:12:DG:H21	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:C	2:X:12:DG:H22	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:12:DG:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:12:DG:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:12:DG:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:12:DG:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:12:DG:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:12:DG:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:12:DG:N2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:12:DG:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:12:DG:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:12:DG:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:12:DG:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:12:DG:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:12:DG:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:12:DG:O6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:12:DG:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:12:DG:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:12:DG:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:13:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:13:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:13:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:13:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:13:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:13:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:13:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:13:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:13:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:13:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:13:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:13:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:13:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:13:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:13:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:13:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:13:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:13:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:13:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:13:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:13:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:13:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:13:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:13:DT:N3	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:C	2:X:13:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:13:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:13:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:13:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:13:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:13:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:13:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	2:X:13:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:3:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:3:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:3:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:3:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:3:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:3:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:3:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:3:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:3:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:3:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:3:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:3:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:3:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:3:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:3:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:3:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:3:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:3:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:3:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:3:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:3:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:3:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:3:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:3:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:3:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:3:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:3:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:3:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:3:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:3:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:3:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:3:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:4:DC:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:4:DC:C2	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:C	3:Y:4:DC:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:4:DC:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:4:DC:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:4:DC:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:4:DC:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:4:DC:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:4:DC:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:4:DC:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:4:DC:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:4:DC:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:4:DC:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:4:DC:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:4:DC:H41	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:4:DC:H42	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:4:DC:H5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:4:DC:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:4:DC:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:4:DC:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:4:DC:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:4:DC:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:4:DC:N4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:4:DC:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:4:DC:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:4:DC:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:4:DC:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:4:DC:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:4:DC:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:4:DC:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:5:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:5:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:5:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:5:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:5:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:5:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:5:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:5:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:5:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:5:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:5:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:5:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:5:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:5:DT:H3	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:C	3:Y:5:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:5:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:5:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:5:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:5:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:5:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:5:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:5:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:5:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:5:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:5:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:5:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:5:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:5:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:5:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:5:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:5:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:5:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:6:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:6:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:6:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:6:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:6:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:6:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:6:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:6:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:6:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:6:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:6:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:6:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:6:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:6:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:6:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:6:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:6:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:6:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:6:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:6:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:6:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:6:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:6:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:6:DA:N6	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:C	3:Y:6:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:6:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:6:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:6:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:6:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:6:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:6:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:6:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:7:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:7:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:7:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:7:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:7:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:7:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:7:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:7:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:7:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:7:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:7:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:7:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:7:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:7:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:7:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:7:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:7:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:7:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:7:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:7:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:7:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:7:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:7:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:7:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:7:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:7:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:7:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:7:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:7:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:7:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:7:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:7:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:8:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:8:DA:C2	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:C	3:Y:8:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:8:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:8:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:8:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:8:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:8:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:8:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:8:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:8:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:8:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:8:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:8:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:8:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:8:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:8:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:8:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:8:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:8:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:8:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:8:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:8:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:8:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:8:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:8:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:8:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:8:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:8:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:8:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:8:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:8:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:9:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:9:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:9:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:9:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:9:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:9:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:9:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:9:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:9:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:9:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:9:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:9:DT:H2'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:C	3:Y:9:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:9:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:9:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:9:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:9:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:9:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:9:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:9:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:9:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:9:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:9:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:9:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:9:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:9:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:9:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:9:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:9:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:9:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:9:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:9:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:10:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:10:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:10:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:10:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:10:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:10:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:10:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:10:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:10:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:10:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:10:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:10:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:10:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:10:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:10:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:10:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:10:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:10:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:10:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:10:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:10:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:10:DA:N1	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:C	3:Y:10:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:10:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:10:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:10:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:10:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:10:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:10:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:10:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:10:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:10:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:11:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:11:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:11:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:11:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:11:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:11:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:11:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:11:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:11:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:11:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:11:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:11:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:11:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:11:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:11:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:11:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:11:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:11:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:11:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:11:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:11:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:11:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:11:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:11:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:11:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:11:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:11:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:11:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:11:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:11:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:11:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:11:DT:P	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:C	3:Y:12:DC:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:12:DC:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:12:DC:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:12:DC:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:12:DC:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:12:DC:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:12:DC:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:12:DC:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:12:DC:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:12:DC:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:12:DC:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:12:DC:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:12:DC:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:12:DC:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:12:DC:H41	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:12:DC:H42	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:12:DC:H5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:12:DC:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:12:DC:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:12:DC:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:12:DC:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:12:DC:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:12:DC:N4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:12:DC:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:12:DC:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:12:DC:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:12:DC:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:12:DC:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:12:DC:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:12:DC:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:13:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:13:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:13:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:13:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:13:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:13:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:13:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:13:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:13:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:13:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:13:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:13:DA:H2	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:C	3:Y:13:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:13:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:13:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:13:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:13:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:13:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:13:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:13:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:13:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:13:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:13:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:13:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:13:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:13:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:13:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:13:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:13:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:13:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:13:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:C	3:Y:13:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:3:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:3:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:3:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:3:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:3:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:3:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:3:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:3:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:3:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:3:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:3:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:3:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:3:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:3:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:3:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:3:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:3:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:3:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:3:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:3:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:3:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:3:DT:H73	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CA	2:X:3:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:3:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:3:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:3:DT:O3 [?]	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:3:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:3:DT:O4 [?]	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:3:DT:O5 [?]	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:3:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:3:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:3:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:4:DG:C1 [?]	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:4:DG:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:4:DG:C2 [?]	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:4:DG:C3 [?]	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:4:DG:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:4:DG:C4 [?]	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:4:DG:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:4:DG:C5 [?]	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:4:DG:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:4:DG:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:4:DG:H1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:4:DG:H1 [?]	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:4:DG:H2 [?]	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:4:DG:H2 ^{??}	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:4:DG:H21	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:4:DG:H22	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:4:DG:H3 [?]	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:4:DG:H4 [?]	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:4:DG:H5 [?]	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:4:DG:H5 ^{??}	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:4:DG:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:4:DG:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:4:DG:N2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:4:DG:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:4:DG:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:4:DG:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:4:DG:O3 [?]	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:4:DG:O4 [?]	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:4:DG:O5 [?]	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:4:DG:O6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:4:DG:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:4:DG:OP2	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CA	2:X:4:DG:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:5:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:5:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:5:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:5:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:5:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:5:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:5:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:5:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:5:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:5:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:5:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:5:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:5:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:5:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:5:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:5:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:5:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:5:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:5:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:5:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:5:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:5:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:5:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:5:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:5:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:5:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:5:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:5:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:5:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:5:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:5:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:5:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:6:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:6:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:6:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:6:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:6:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:6:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:6:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:6:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:6:DT:C6	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CA	2:X:6:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:6:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:6:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:6:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:6:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:6:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:6:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:6:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:6:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:6:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:6:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:6:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:6:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:6:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:6:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:6:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:6:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:6:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:6:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:6:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:6:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:6:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:6:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:7:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:7:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:7:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:7:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:7:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:7:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:7:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:7:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:7:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:7:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:7:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:7:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:7:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:7:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:7:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:7:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:7:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:7:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:7:DA:H61	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CA	2:X:7:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:7:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:7:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:7:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:7:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:7:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:7:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:7:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:7:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:7:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:7:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:7:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:7:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:8:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:8:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:8:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:8:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:8:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:8:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:8:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:8:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:8:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:8:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:8:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:8:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:8:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:8:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:8:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:8:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:8:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:8:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:8:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:8:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:8:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:8:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:8:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:8:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:8:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:8:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:8:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:8:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:8:DT:O5'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CA	2:X:8:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:8:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:8:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:9:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:9:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:9:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:9:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:9:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:9:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:9:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:9:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:9:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:9:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:9:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:9:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:9:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:9:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:9:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:9:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:9:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:9:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:9:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:9:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:9:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:9:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:9:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:9:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:9:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:9:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:9:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:9:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:9:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:9:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:9:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:9:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:10:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:10:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:10:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:10:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:10:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:10:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:10:DT:C5	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CA	2:X:10:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:10:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:10:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:10:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:10:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:10:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:10:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:10:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:10:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:10:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:10:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:10:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:10:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:10:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:10:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:10:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:10:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:10:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:10:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:10:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:10:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:10:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:10:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:10:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:10:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:11:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:11:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:11:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:11:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:11:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:11:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:11:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:11:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:11:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:11:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:11:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:11:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:11:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:11:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:11:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:11:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:11:DA:H5'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CA	2:X:11:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:11:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:11:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:11:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:11:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:11:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:11:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:11:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:11:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:11:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:11:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:11:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:11:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:11:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:11:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:12:DG:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:12:DG:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:12:DG:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:12:DG:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:12:DG:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:12:DG:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:12:DG:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:12:DG:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:12:DG:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:12:DG:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:12:DG:H1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:12:DG:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:12:DG:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:12:DG:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:12:DG:H21	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:12:DG:H22	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:12:DG:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:12:DG:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:12:DG:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:12:DG:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:12:DG:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:12:DG:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:12:DG:N2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:12:DG:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:12:DG:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:12:DG:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:12:DG:O3'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CA	2:X:12:DG:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:12:DG:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:12:DG:O6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:12:DG:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:12:DG:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:12:DG:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:13:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:13:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:13:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:13:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:13:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:13:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:13:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:13:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:13:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:13:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:13:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:13:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:13:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:13:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:13:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:13:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:13:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:13:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:13:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:13:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:13:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:13:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:13:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:13:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:13:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:13:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:13:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:13:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:13:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:13:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:13:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	2:X:13:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:3:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:3:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:3:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:3:DA:C3'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CA	3:Y:3:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:3:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:3:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:3:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:3:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:3:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:3:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:3:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:3:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:3:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:3:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:3:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:3:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:3:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:3:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:3:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:3:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:3:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:3:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:3:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:3:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:3:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:3:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:3:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:3:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:3:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:3:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:3:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:4:DC:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:4:DC:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:4:DC:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:4:DC:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:4:DC:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:4:DC:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:4:DC:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:4:DC:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:4:DC:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:4:DC:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:4:DC:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:4:DC:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:4:DC:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:4:DC:H4'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CA	3:Y:4:DC:H41	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:4:DC:H42	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:4:DC:H5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:4:DC:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:4:DC:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:4:DC:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:4:DC:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:4:DC:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:4:DC:N4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:4:DC:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:4:DC:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:4:DC:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:4:DC:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:4:DC:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:4:DC:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:4:DC:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:5:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:5:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:5:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:5:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:5:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:5:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:5:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:5:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:5:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:5:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:5:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:5:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:5:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:5:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:5:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:5:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:5:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:5:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:5:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:5:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:5:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:5:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:5:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:5:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:5:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:5:DT:O3'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CA	3:Y:5:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:5:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:5:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:5:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:5:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:5:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:6:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:6:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:6:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:6:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:6:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:6:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:6:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:6:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:6:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:6:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:6:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:6:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:6:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:6:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:6:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:6:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:6:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:6:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:6:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:6:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:6:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:6:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:6:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:6:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:6:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:6:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:6:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:6:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:6:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:6:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:6:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:6:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:7:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:7:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:7:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:7:DT:C3'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CA	3:Y:7:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:7:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:7:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:7:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:7:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:7:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:7:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:7:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:7:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:7:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:7:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:7:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:7:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:7:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:7:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:7:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:7:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:7:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:7:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:7:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:7:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:7:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:7:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:7:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:7:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:7:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:7:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:7:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:8:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:8:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:8:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:8:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:8:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:8:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:8:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:8:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:8:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:8:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:8:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:8:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:8:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:8:DA:H2''	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CA	3:Y:8:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:8:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:8:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:8:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:8:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:8:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:8:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:8:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:8:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:8:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:8:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:8:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:8:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:8:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:8:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:8:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:8:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:8:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:9:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:9:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:9:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:9:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:9:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:9:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:9:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:9:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:9:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:9:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:9:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:9:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:9:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:9:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:9:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:9:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:9:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:9:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:9:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:9:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:9:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:9:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:9:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:9:DT:N3	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CA	3:Y:9:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:9:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:9:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:9:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:9:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:9:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:9:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:9:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:10:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:10:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:10:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:10:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:10:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:10:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:10:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:10:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:10:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:10:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:10:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:10:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:10:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:10:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:10:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:10:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:10:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:10:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:10:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:10:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:10:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:10:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:10:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:10:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:10:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:10:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:10:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:10:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:10:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:10:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:10:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:10:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:11:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:11:DT:C2	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CA	3:Y:11:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:11:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:11:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:11:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:11:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:11:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:11:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:11:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:11:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:11:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:11:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:11:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:11:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:11:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:11:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:11:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:11:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:11:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:11:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:11:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:11:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:11:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:11:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:11:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:11:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:11:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:11:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:11:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:11:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:11:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:12:DC:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:12:DC:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:12:DC:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:12:DC:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:12:DC:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:12:DC:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:12:DC:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:12:DC:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:12:DC:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:12:DC:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:12:DC:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:12:DC:H2''	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CA	3:Y:12:DC:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:12:DC:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:12:DC:H41	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:12:DC:H42	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:12:DC:H5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:12:DC:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:12:DC:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:12:DC:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:12:DC:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:12:DC:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:12:DC:N4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:12:DC:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:12:DC:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:12:DC:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:12:DC:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:12:DC:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:12:DC:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:12:DC:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:13:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:13:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:13:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:13:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:13:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:13:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:13:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:13:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:13:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:13:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:13:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:13:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:13:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:13:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:13:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:13:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:13:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:13:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:13:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:13:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:13:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:13:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:13:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:13:DA:N6	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CA	3:Y:13:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:13:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:13:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:13:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:13:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:13:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:13:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CA	3:Y:13:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:3:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:3:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:3:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:3:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:3:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:3:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:3:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:3:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:3:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:3:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:3:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:3:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:3:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:3:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:3:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:3:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:3:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:3:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:3:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:3:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:3:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:3:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:3:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:3:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:3:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:3:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:3:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:3:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:3:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:3:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:3:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:3:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:4:DG:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:4:DG:C2	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CB	2:X:4:DG:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:4:DG:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:4:DG:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:4:DG:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:4:DG:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:4:DG:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:4:DG:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:4:DG:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:4:DG:H1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:4:DG:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:4:DG:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:4:DG:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:4:DG:H21	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:4:DG:H22	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:4:DG:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:4:DG:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:4:DG:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:4:DG:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:4:DG:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:4:DG:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:4:DG:N2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:4:DG:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:4:DG:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:4:DG:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:4:DG:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:4:DG:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:4:DG:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:4:DG:O6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:4:DG:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:4:DG:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:4:DG:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:5:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:5:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:5:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:5:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:5:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:5:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:5:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:5:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:5:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:5:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:5:DA:H1'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CB	2:X:5:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:5:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:5:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:5:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:5:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:5:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:5:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:5:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:5:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:5:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:5:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:5:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:5:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:5:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:5:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:5:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:5:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:5:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:5:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:5:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:5:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:6:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:6:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:6:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:6:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:6:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:6:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:6:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:6:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:6:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:6:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:6:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:6:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:6:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:6:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:6:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:6:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:6:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:6:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:6:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:6:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:6:DT:H72	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CB	2:X:6:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:6:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:6:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:6:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:6:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:6:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:6:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:6:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:6:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:6:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:6:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:7:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:7:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:7:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:7:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:7:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:7:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:7:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:7:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:7:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:7:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:7:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:7:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:7:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:7:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:7:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:7:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:7:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:7:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:7:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:7:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:7:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:7:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:7:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:7:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:7:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:7:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:7:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:7:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:7:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:7:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:7:DA:OP2	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CB	2:X:7:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:8:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:8:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:8:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:8:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:8:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:8:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:8:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:8:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:8:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:8:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:8:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:8:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:8:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:8:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:8:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:8:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:8:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:8:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:8:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:8:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:8:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:8:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:8:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:8:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:8:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:8:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:8:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:8:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:8:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:8:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:8:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:8:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:9:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:9:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:9:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:9:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:9:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:9:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:9:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:9:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:9:DA:C6	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CB	2:X:9:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:9:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:9:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:9:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:9:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:9:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:9:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:9:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:9:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:9:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:9:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:9:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:9:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:9:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:9:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:9:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:9:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:9:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:9:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:9:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:9:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:9:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:9:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:10:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:10:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:10:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:10:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:10:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:10:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:10:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:10:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:10:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:10:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:10:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:10:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:10:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:10:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:10:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:10:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:10:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:10:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:10:DT:H6	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CB	2:X:10:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:10:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:10:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:10:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:10:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:10:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:10:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:10:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:10:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:10:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:10:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:10:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:10:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:11:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:11:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:11:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:11:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:11:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:11:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:11:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:11:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:11:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:11:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:11:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:11:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:11:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:11:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:11:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:11:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:11:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:11:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:11:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:11:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:11:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:11:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:11:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:11:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:11:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:11:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:11:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:11:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:11:DA:O5'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CB	2:X:11:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:11:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:11:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:12:DG:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:12:DG:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:12:DG:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:12:DG:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:12:DG:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:12:DG:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:12:DG:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:12:DG:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:12:DG:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:12:DG:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:12:DG:H1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:12:DG:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:12:DG:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:12:DG:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:12:DG:H21	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:12:DG:H22	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:12:DG:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:12:DG:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:12:DG:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:12:DG:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:12:DG:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:12:DG:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:12:DG:N2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:12:DG:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:12:DG:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:12:DG:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:12:DG:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:12:DG:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:12:DG:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:12:DG:O6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:12:DG:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:12:DG:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:12:DG:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:13:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:13:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:13:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:13:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:13:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:13:DT:C4'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CB	2:X:13:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:13:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:13:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:13:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:13:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:13:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:13:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:13:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:13:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:13:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:13:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:13:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:13:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:13:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:13:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:13:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:13:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:13:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:13:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:13:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:13:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:13:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:13:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:13:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:13:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	2:X:13:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:3:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:3:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:3:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:3:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:3:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:3:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:3:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:3:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:3:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:3:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:3:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:3:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:3:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:3:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:3:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:3:DA:H4'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CB	3:Y:3:DA:H5 [?]	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:3:DA:H5 ^{??}	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:3:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:3:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:3:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:3:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:3:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:3:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:3:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:3:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:3:DA:O3 [?]	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:3:DA:O4 [?]	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:3:DA:O5 [?]	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:3:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:3:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:3:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:4:DC:C1 [?]	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:4:DC:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:4:DC:C2 [?]	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:4:DC:C3 [?]	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:4:DC:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:4:DC:C4 [?]	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:4:DC:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:4:DC:C5 [?]	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:4:DC:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:4:DC:H1 [?]	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:4:DC:H2 [?]	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:4:DC:H2 ^{??}	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:4:DC:H3 [?]	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:4:DC:H4 [?]	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:4:DC:H41	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:4:DC:H42	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:4:DC:H5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:4:DC:H5 [?]	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:4:DC:H5 ^{??}	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:4:DC:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:4:DC:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:4:DC:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:4:DC:N4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:4:DC:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:4:DC:O3 [?]	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:4:DC:O4 [?]	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CB	3:Y:4:DC:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:4:DC:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:4:DC:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:4:DC:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:5:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:5:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:5:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:5:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:5:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:5:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:5:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:5:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:5:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:5:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:5:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:5:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:5:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:5:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:5:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:5:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:5:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:5:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:5:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:5:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:5:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:5:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:5:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:5:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:5:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:5:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:5:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:5:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:5:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:5:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:5:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:5:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:6:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:6:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:6:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:6:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:6:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:6:DA:C4'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CB	3:Y:6:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:6:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:6:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:6:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:6:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:6:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:6:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:6:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:6:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:6:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:6:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:6:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:6:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:6:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:6:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:6:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:6:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:6:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:6:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:6:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:6:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:6:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:6:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:6:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:6:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:6:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:7:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:7:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:7:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:7:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:7:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:7:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:7:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:7:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:7:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:7:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:7:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:7:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:7:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:7:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:7:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:7:DT:H4'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CB	3:Y:7:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:7:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:7:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:7:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:7:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:7:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:7:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:7:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:7:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:7:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:7:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:7:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:7:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:7:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:7:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:7:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:8:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:8:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:8:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:8:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:8:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:8:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:8:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:8:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:8:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:8:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:8:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:8:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:8:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:8:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:8:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:8:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:8:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:8:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:8:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:8:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:8:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:8:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:8:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:8:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:8:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:8:DA:N9	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CB	3:Y:8:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:8:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:8:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:8:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:8:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:8:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:9:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:9:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:9:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:9:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:9:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:9:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:9:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:9:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:9:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:9:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:9:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:9:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:9:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:9:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:9:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:9:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:9:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:9:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:9:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:9:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:9:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:9:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:9:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:9:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:9:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:9:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:9:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:9:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:9:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:9:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:9:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:9:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:10:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:10:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:10:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:10:DA:C3'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CB	3:Y:10:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:10:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:10:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:10:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:10:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:10:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:10:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:10:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:10:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:10:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:10:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:10:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:10:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:10:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:10:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:10:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:10:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:10:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:10:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:10:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:10:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:10:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:10:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:10:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:10:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:10:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:10:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:10:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:11:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:11:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:11:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:11:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:11:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:11:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:11:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:11:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:11:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:11:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:11:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:11:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:11:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:11:DT:H3	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CB	3:Y:11:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:11:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:11:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:11:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:11:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:11:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:11:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:11:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:11:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:11:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:11:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:11:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:11:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:11:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:11:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:11:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:11:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:11:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:12:DC:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:12:DC:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:12:DC:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:12:DC:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:12:DC:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:12:DC:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:12:DC:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:12:DC:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:12:DC:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:12:DC:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:12:DC:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:12:DC:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:12:DC:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:12:DC:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:12:DC:H41	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:12:DC:H42	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:12:DC:H5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:12:DC:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:12:DC:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:12:DC:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:12:DC:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:12:DC:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:12:DC:N4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:12:DC:O2	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CB	3:Y:12:DC:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:12:DC:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:12:DC:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:12:DC:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:12:DC:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:12:DC:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:13:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:13:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:13:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:13:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:13:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:13:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:13:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:13:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:13:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:13:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:13:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:13:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:13:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:13:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:13:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:13:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:13:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:13:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:13:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:13:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:13:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:13:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:13:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:13:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:13:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:13:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:13:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:13:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:13:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:13:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:13:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CB	3:Y:13:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:3:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:3:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:3:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:3:DT:C3'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CG2	2:X:3:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:3:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:3:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:3:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:3:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:3:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:3:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:3:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:3:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:3:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:3:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:3:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:3:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:3:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:3:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:3:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:3:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:3:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:3:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:3:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:3:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:3:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:3:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:3:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:3:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:3:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:3:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:3:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:4:DG:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:4:DG:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:4:DG:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:4:DG:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:4:DG:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:4:DG:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:4:DG:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:4:DG:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:4:DG:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:4:DG:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:4:DG:H1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:4:DG:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:4:DG:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:4:DG:H2''	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CG2	2:X:4:DG:H21	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:4:DG:H22	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:4:DG:H3 ⁷	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:4:DG:H4 ⁷	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:4:DG:H5 ⁷	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:4:DG:H5 ⁷	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:4:DG:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:4:DG:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:4:DG:N2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:4:DG:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:4:DG:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:4:DG:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:4:DG:O3 ⁷	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:4:DG:O4 ⁷	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:4:DG:O5 ⁷	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:4:DG:O6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:4:DG:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:4:DG:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:4:DG:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:5:DA:C1 ⁷	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:5:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:5:DA:C2 ⁷	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:5:DA:C3 ⁷	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:5:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:5:DA:C4 ⁷	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:5:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:5:DA:C5 ⁷	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:5:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:5:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:5:DA:H1 ⁷	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:5:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:5:DA:H2 ⁷	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:5:DA:H2 ⁷	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:5:DA:H3 ⁷	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:5:DA:H4 ⁷	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:5:DA:H5 ⁷	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:5:DA:H5 ⁷	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:5:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:5:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:5:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:5:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:5:DA:N3	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CG2	2:X:5:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:5:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:5:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:5:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:5:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:5:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:5:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:5:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:5:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:6:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:6:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:6:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:6:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:6:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:6:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:6:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:6:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:6:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:6:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:6:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:6:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:6:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:6:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:6:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:6:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:6:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:6:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:6:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:6:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:6:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:6:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:6:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:6:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:6:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:6:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:6:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:6:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:6:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:6:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:6:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:6:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:7:DA:C1'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CG2	2:X:7:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:7:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:7:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:7:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:7:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:7:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:7:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:7:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:7:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:7:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:7:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:7:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:7:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:7:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:7:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:7:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:7:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:7:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:7:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:7:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:7:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:7:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:7:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:7:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:7:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:7:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:7:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:7:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:7:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:7:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:7:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:8:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:8:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:8:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:8:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:8:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:8:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:8:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:8:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:8:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:8:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:8:DT:H1'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CG2	2:X:8:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:8:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:8:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:8:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:8:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:8:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:8:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:8:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:8:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:8:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:8:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:8:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:8:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:8:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:8:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:8:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:8:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:8:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:8:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:8:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:8:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:9:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:9:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:9:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:9:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:9:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:9:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:9:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:9:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:9:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:9:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:9:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:9:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:9:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:9:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:9:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:9:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:9:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:9:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:9:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:9:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:9:DA:H8	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CG2	2:X:9:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:9:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:9:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:9:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:9:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:9:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:9:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:9:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:9:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:9:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:9:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:10:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:10:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:10:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:10:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:10:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:10:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:10:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:10:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:10:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:10:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:10:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:10:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:10:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:10:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:10:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:10:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:10:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:10:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:10:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:10:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:10:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:10:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:10:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:10:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:10:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:10:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:10:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:10:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:10:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:10:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:10:DT:OP2	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CG2	2:X:10:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:11:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:11:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:11:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:11:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:11:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:11:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:11:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:11:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:11:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:11:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:11:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:11:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:11:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:11:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:11:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:11:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:11:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:11:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:11:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:11:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:11:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:11:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:11:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:11:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:11:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:11:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:11:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:11:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:11:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:11:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:11:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:11:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:12:DG:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:12:DG:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:12:DG:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:12:DG:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:12:DG:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:12:DG:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:12:DG:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:12:DG:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:12:DG:C6	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CG2	2:X:12:DG:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:12:DG:H1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:12:DG:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:12:DG:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:12:DG:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:12:DG:H21	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:12:DG:H22	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:12:DG:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:12:DG:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:12:DG:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:12:DG:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:12:DG:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:12:DG:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:12:DG:N2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:12:DG:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:12:DG:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:12:DG:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:12:DG:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:12:DG:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:12:DG:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:12:DG:O6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:12:DG:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:12:DG:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:12:DG:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:13:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:13:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:13:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:13:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:13:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:13:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:13:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:13:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:13:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:13:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:13:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:13:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:13:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:13:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:13:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:13:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:13:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:13:DT:H5''	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CG2	2:X:13:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:13:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:13:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:13:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:13:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:13:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:13:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:13:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:13:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:13:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:13:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:13:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:13:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	2:X:13:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:O4'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:H41	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:H42	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:H5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:N4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:C5'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:H5''	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:O4'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:C4'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:H4'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:O3'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:H41	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:H42	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:H5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:N4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:C4'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:3:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:3:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:3:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:3:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:3:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:3:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:3:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:3:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:3:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:3:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:3:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:3:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:3:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:3:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:3:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:3:DT:H4'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:H	2:X:3:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:3:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:3:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:3:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:3:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:3:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:3:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:3:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:3:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:3:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:3:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:3:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:3:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:3:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:3:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:3:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:4:DG:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:4:DG:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:4:DG:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:4:DG:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:4:DG:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:4:DG:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:4:DG:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:4:DG:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:4:DG:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:4:DG:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:4:DG:H1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:4:DG:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:4:DG:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:4:DG:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:4:DG:H21	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:4:DG:H22	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:4:DG:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:4:DG:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:4:DG:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:4:DG:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:4:DG:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:4:DG:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:4:DG:N2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:4:DG:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:4:DG:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:4:DG:N9	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:H	2:X:4:DG:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:4:DG:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:4:DG:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:4:DG:O6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:4:DG:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:4:DG:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:4:DG:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:5:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:5:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:5:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:5:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:5:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:5:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:5:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:5:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:5:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:5:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:5:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:5:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:5:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:5:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:5:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:5:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:5:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:5:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:5:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:5:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:5:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:5:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:5:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:5:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:5:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:5:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:5:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:5:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:5:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:5:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:5:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:5:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:6:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:6:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:6:DT:C2'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:H	2:X:6:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:6:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:6:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:6:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:6:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:6:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:6:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:6:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:6:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:6:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:6:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:6:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:6:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:6:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:6:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:6:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:6:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:6:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:6:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:6:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:6:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:6:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:6:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:6:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:6:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:6:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:6:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:6:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:6:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:7:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:7:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:7:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:7:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:7:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:7:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:7:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:7:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:7:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:7:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:7:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:7:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:7:DA:H2'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:H	2:X:7:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:7:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:7:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:7:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:7:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:7:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:7:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:7:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:7:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:7:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:7:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:7:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:7:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:7:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:7:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:7:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:7:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:7:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:7:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:8:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:8:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:8:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:8:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:8:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:8:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:8:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:8:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:8:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:8:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:8:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:8:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:8:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:8:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:8:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:8:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:8:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:8:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:8:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:8:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:8:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:8:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:8:DT:N1	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:H	2:X:8:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:8:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:8:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:8:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:8:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:8:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:8:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:8:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:8:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:9:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:9:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:9:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:9:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:9:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:9:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:9:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:9:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:9:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:9:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:9:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:9:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:9:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:9:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:9:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:9:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:9:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:9:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:9:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:9:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:9:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:9:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:9:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:9:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:9:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:9:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:9:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:9:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:9:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:9:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:9:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:9:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:10:DT:C1'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:H	2:X:10:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:10:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:10:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:10:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:10:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:10:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:10:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:10:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:10:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:10:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:10:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:10:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:10:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:10:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:10:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:10:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:10:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:10:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:10:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:10:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:10:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:10:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:10:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:10:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:10:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:10:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:10:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:10:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:10:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:10:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:10:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:11:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:11:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:11:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:11:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:11:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:11:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:11:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:11:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:11:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:11:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:11:DA:H1'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:H	2:X:11:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:11:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:11:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:11:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:11:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:11:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:11:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:11:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:11:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:11:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:11:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:11:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:11:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:11:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:11:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:11:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:11:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:11:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:11:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:11:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:11:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:12:DG:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:12:DG:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:12:DG:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:12:DG:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:12:DG:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:12:DG:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:12:DG:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:12:DG:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:12:DG:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:12:DG:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:12:DG:H1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:12:DG:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:12:DG:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:12:DG:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:12:DG:H21	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:12:DG:H22	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:12:DG:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:12:DG:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:12:DG:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:12:DG:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:12:DG:H8	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:H	2:X:12:DG:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:12:DG:N2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:12:DG:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:12:DG:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:12:DG:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:12:DG:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:12:DG:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:12:DG:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:12:DG:O6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:12:DG:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:12:DG:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:12:DG:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:13:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:13:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:13:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:13:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:13:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:13:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:13:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:13:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:13:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:13:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:13:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:13:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:13:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:13:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:13:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:13:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:13:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:13:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:13:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:13:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:13:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:13:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:13:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:13:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:13:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:13:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:13:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:13:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:13:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:13:DT:OP1	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:H	2:X:13:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	2:X:13:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:3:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:3:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:3:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:3:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:3:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:3:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:3:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:3:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:3:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:3:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:3:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:3:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:3:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:3:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:3:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:3:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:3:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:3:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:3:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:3:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:3:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:3:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:3:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:3:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:3:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:3:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:3:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:3:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:3:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:3:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:3:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:3:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:4:DC:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:4:DC:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:4:DC:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:4:DC:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:4:DC:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:4:DC:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:4:DC:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:4:DC:C5'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:H	3:Y:4:DC:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:4:DC:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:4:DC:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:4:DC:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:4:DC:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:4:DC:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:4:DC:H41	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:4:DC:H42	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:4:DC:H5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:4:DC:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:4:DC:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:4:DC:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:4:DC:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:4:DC:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:4:DC:N4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:4:DC:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:4:DC:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:4:DC:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:4:DC:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:4:DC:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:4:DC:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:4:DC:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:5:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:5:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:5:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:5:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:5:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:5:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:5:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:5:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:5:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:5:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:5:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:5:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:5:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:5:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:5:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:5:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:5:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:5:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:5:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:5:DT:H71	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:H	3:Y:5:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:5:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:5:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:5:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:5:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:5:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:5:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:5:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:5:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:5:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:5:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:5:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:6:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:6:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:6:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:6:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:6:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:6:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:6:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:6:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:6:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:6:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:6:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:6:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:6:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:6:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:6:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:6:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:6:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:6:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:6:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:6:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:6:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:6:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:6:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:6:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:6:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:6:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:6:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:6:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:6:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:6:DA:OP1	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:H	3:Y:6:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:6:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:7:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:7:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:7:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:7:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:7:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:7:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:7:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:7:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:7:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:7:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:7:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:7:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:7:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:7:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:7:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:7:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:7:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:7:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:7:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:7:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:7:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:7:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:7:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:7:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:7:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:7:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:7:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:7:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:7:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:7:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:7:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:7:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:8:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:8:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:8:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:8:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:8:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:8:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:8:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:8:DA:C5'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:H	3:Y:8:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:8:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:8:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:8:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:8:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:8:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:8:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:8:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:8:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:8:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:8:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:8:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:8:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:8:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:8:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:8:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:8:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:8:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:8:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:8:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:8:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:8:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:8:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:8:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:9:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:9:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:9:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:9:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:9:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:9:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:9:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:9:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:9:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:9:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:9:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:9:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:9:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:9:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:9:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:9:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:9:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:9:DT:H5''	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:H	3:Y:9:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:9:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:9:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:9:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:9:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:9:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:9:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:9:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:9:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:9:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:9:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:9:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:9:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:9:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:10:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:10:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:10:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:10:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:10:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:10:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:10:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:10:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:10:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:10:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:10:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:10:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:10:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:10:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:10:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:10:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:10:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:10:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:10:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:10:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:10:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:10:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:10:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:10:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:10:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:10:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:10:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:10:DA:O4'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:H	3:Y:10:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:10:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:10:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:10:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:11:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:11:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:11:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:11:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:11:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:11:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:11:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:11:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:11:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:11:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:11:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:11:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:11:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:11:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:11:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:11:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:11:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:11:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:11:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:11:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:11:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:11:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:11:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:11:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:11:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:11:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:11:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:11:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:11:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:11:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:11:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:11:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:12:DC:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:12:DC:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:12:DC:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:12:DC:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:12:DC:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:12:DC:C4'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:H	3:Y:12:DC:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:12:DC:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:12:DC:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:12:DC:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:12:DC:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:12:DC:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:12:DC:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:12:DC:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:12:DC:H41	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:12:DC:H42	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:12:DC:H5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:12:DC:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:12:DC:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:12:DC:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:12:DC:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:12:DC:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:12:DC:N4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:12:DC:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:12:DC:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:12:DC:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:12:DC:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:12:DC:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:12:DC:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:12:DC:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:13:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:13:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:13:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:13:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:13:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:13:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:13:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:13:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:13:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:13:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:13:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:13:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:13:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:13:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:13:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:13:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:13:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:13:DA:H5''	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:H	3:Y:13:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:13:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:13:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:13:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:13:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:13:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:13:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:13:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:13:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:13:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:13:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:13:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:13:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:H	3:Y:13:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:3:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:3:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:3:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:3:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:3:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:3:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:3:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:3:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:3:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:3:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:3:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:3:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:3:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:3:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:3:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:3:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:3:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:3:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:3:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:3:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:3:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:3:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:3:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:3:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:3:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:3:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:3:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:3:DT:O4'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:HG1	2:X:3:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:3:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:3:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:3:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:4:DG:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:4:DG:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:4:DG:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:4:DG:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:4:DG:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:4:DG:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:4:DG:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:4:DG:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:4:DG:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:4:DG:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:4:DG:H1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:4:DG:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:4:DG:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:4:DG:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:4:DG:H21	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:4:DG:H22	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:4:DG:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:4:DG:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:4:DG:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:4:DG:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:4:DG:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:4:DG:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:4:DG:N2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:4:DG:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:4:DG:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:4:DG:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:4:DG:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:4:DG:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:4:DG:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:4:DG:O6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:4:DG:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:4:DG:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:4:DG:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:5:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:5:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:5:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:5:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:5:DA:C4	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:HG1	2:X:5:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:5:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:5:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:5:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:5:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:5:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:5:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:5:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:5:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:5:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:5:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:5:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:5:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:5:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:5:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:5:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:5:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:5:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:5:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:5:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:5:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:5:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:5:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:5:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:5:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:5:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:5:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:6:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:6:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:6:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:6:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:6:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:6:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:6:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:6:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:6:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:6:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:6:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:6:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:6:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:6:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:6:DT:H3'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:HG1	2:X:6:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:6:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:6:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:6:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:6:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:6:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:6:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:6:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:6:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:6:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:6:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:6:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:6:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:6:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:6:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:6:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:6:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:7:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:7:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:7:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:7:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:7:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:7:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:7:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:7:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:7:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:7:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:7:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:7:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:7:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:7:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:7:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:7:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:7:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:7:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:7:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:7:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:7:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:7:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:7:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:7:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:7:DA:N7	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:HG1	2:X:7:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:7:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:7:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:7:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:7:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:7:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:7:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:8:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:8:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:8:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:8:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:8:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:8:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:8:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:8:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:8:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:8:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:8:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:8:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:8:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:8:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:8:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:8:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:8:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:8:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:8:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:8:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:8:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:8:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:8:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:8:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:8:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:8:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:8:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:8:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:8:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:8:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:8:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:8:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:9:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:9:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:9:DA:C2'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:HG1	2:X:9:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:9:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:9:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:9:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:9:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:9:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:9:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:9:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:9:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:9:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:9:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:9:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:9:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:9:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:9:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:9:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:9:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:9:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:9:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:9:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:9:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:9:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:9:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:9:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:9:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:9:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:9:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:9:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:9:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:10:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:10:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:10:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:10:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:10:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:10:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:10:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:10:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:10:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:10:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:10:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:10:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:10:DT:H2''	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:HG1	2:X:10:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:10:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:10:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:10:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:10:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:10:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:10:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:10:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:10:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:10:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:10:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:10:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:10:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:10:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:10:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:10:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:10:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:10:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:10:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:11:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:11:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:11:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:11:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:11:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:11:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:11:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:11:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:11:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:11:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:11:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:11:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:11:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:11:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:11:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:11:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:11:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:11:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:11:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:11:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:11:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:11:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:11:DA:N3	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:HG1	2:X:11:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:11:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:11:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:11:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:11:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:11:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:11:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:11:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:11:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:12:DG:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:12:DG:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:12:DG:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:12:DG:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:12:DG:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:12:DG:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:12:DG:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:12:DG:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:12:DG:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:12:DG:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:12:DG:H1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:12:DG:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:12:DG:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:12:DG:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:12:DG:H21	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:12:DG:H22	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:12:DG:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:12:DG:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:12:DG:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:12:DG:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:12:DG:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:12:DG:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:12:DG:N2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:12:DG:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:12:DG:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:12:DG:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:12:DG:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:12:DG:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:12:DG:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:12:DG:O6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:12:DG:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:12:DG:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:12:DG:P	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:HG1	2:X:13:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:13:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:13:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:13:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:13:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:13:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:13:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:13:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:13:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:13:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:13:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:13:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:13:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:13:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:13:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:13:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:13:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:13:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:13:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:13:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:13:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:13:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:13:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:13:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:13:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:13:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:13:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:13:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:13:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:13:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:13:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	2:X:13:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:C8	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:H41	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:H42	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:H5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:H6	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:N4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:P	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:C7	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:H62	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:OP1	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:C5'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:H41	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:H42	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:H5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:H5'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:N4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:OP1	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:3:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:3:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:3:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:3:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:3:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:3:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:3:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:3:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:3:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:3:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:3:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:3:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:3:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:3:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:3:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:3:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:3:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:3:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:3:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:3:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:3:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:3:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:3:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:3:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:3:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:3:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:3:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:3:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:3:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:3:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:3:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:3:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:4:DG:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:4:DG:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:4:DG:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:4:DG:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:4:DG:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:4:DG:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:4:DG:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:4:DG:C5'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:N	2:X:4:DG:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:4:DG:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:4:DG:H1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:4:DG:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:4:DG:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:4:DG:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:4:DG:H21	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:4:DG:H22	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:4:DG:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:4:DG:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:4:DG:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:4:DG:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:4:DG:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:4:DG:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:4:DG:N2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:4:DG:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:4:DG:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:4:DG:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:4:DG:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:4:DG:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:4:DG:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:4:DG:O6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:4:DG:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:4:DG:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:4:DG:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:5:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:5:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:5:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:5:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:5:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:5:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:5:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:5:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:5:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:5:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:5:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:5:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:5:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:5:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:5:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:5:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:5:DA:H5'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:N	2:X:5:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:5:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:5:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:5:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:5:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:5:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:5:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:5:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:5:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:5:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:5:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:5:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:5:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:5:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:5:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:6:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:6:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:6:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:6:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:6:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:6:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:6:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:6:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:6:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:6:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:6:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:6:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:6:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:6:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:6:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:6:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:6:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:6:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:6:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:6:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:6:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:6:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:6:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:6:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:6:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:6:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:6:DT:O4	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:N	2:X:6:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:6:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:6:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:6:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:6:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:7:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:7:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:7:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:7:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:7:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:7:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:7:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:7:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:7:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:7:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:7:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:7:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:7:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:7:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:7:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:7:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:7:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:7:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:7:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:7:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:7:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:7:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:7:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:7:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:7:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:7:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:7:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:7:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:7:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:7:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:7:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:7:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:8:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:8:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:8:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:8:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:8:DT:C4	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:N	2:X:8:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:8:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:8:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:8:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:8:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:8:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:8:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:8:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:8:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:8:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:8:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:8:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:8:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:8:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:8:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:8:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:8:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:8:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:8:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:8:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:8:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:8:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:8:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:8:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:8:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:8:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:8:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:9:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:9:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:9:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:9:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:9:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:9:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:9:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:9:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:9:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:9:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:9:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:9:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:9:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:9:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:9:DA:H3'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:N	2:X:9:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:9:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:9:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:9:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:9:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:9:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:9:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:9:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:9:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:9:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:9:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:9:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:9:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:9:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:9:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:9:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:9:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:10:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:10:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:10:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:10:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:10:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:10:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:10:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:10:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:10:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:10:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:10:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:10:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:10:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:10:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:10:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:10:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:10:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:10:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:10:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:10:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:10:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:10:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:10:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:10:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:10:DT:O2	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:N	2:X:10:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:10:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:10:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:10:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:10:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:10:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:10:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:11:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:11:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:11:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:11:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:11:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:11:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:11:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:11:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:11:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:11:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:11:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:11:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:11:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:11:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:11:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:11:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:11:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:11:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:11:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:11:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:11:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:11:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:11:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:11:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:11:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:11:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:11:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:11:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:11:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:11:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:11:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:11:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:12:DG:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:12:DG:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:12:DG:C2'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:N	2:X:12:DG:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:12:DG:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:12:DG:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:12:DG:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:12:DG:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:12:DG:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:12:DG:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:12:DG:H1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:12:DG:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:12:DG:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:12:DG:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:12:DG:H21	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:12:DG:H22	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:12:DG:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:12:DG:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:12:DG:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:12:DG:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:12:DG:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:12:DG:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:12:DG:N2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:12:DG:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:12:DG:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:12:DG:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:12:DG:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:12:DG:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:12:DG:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:12:DG:O6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:12:DG:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:12:DG:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:12:DG:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:13:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:13:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:13:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:13:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:13:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:13:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:13:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:13:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:13:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:13:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:13:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:13:DT:H2'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:N	2:X:13:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:13:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:13:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:13:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:13:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:13:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:13:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:13:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:13:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:13:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:13:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:13:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:13:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:13:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:13:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:13:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:13:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:13:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:13:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	2:X:13:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:3:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:3:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:3:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:3:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:3:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:3:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:3:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:3:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:3:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:3:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:3:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:3:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:3:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:3:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:3:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:3:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:3:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:3:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:3:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:3:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:3:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:3:DA:N1	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:N	3:Y:3:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:3:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:3:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:3:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:3:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:3:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:3:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:3:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:3:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:3:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:4:DC:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:4:DC:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:4:DC:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:4:DC:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:4:DC:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:4:DC:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:4:DC:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:4:DC:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:4:DC:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:4:DC:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:4:DC:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:4:DC:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:4:DC:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:4:DC:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:4:DC:H41	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:4:DC:H42	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:4:DC:H5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:4:DC:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:4:DC:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:4:DC:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:4:DC:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:4:DC:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:4:DC:N4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:4:DC:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:4:DC:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:4:DC:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:4:DC:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:4:DC:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:4:DC:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:4:DC:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:5:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:5:DT:C2	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:N	3:Y:5:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:5:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:5:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:5:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:5:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:5:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:5:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:5:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:5:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:5:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:5:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:5:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:5:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:5:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:5:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:5:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:5:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:5:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:5:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:5:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:5:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:5:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:5:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:5:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:5:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:5:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:5:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:5:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:5:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:5:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:6:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:6:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:6:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:6:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:6:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:6:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:6:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:6:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:6:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:6:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:6:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:6:DA:H2	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:N	3:Y:6:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:6:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:6:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:6:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:6:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:6:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:6:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:6:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:6:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:6:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:6:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:6:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:6:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:6:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:6:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:6:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:6:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:6:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:6:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:6:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:7:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:7:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:7:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:7:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:7:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:7:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:7:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:7:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:7:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:7:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:7:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:7:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:7:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:7:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:7:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:7:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:7:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:7:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:7:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:7:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:7:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:7:DT:H73	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:N	3:Y:7:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:7:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:7:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:7:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:7:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:7:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:7:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:7:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:7:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:7:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:8:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:8:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:8:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:8:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:8:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:8:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:8:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:8:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:8:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:8:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:8:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:8:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:8:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:8:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:8:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:8:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:8:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:8:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:8:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:8:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:8:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:8:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:8:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:8:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:8:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:8:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:8:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:8:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:8:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:8:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:8:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:8:DA:P	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:N	3:Y:9:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:9:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:9:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:9:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:9:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:9:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:9:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:9:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:9:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:9:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:9:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:9:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:9:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:9:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:9:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:9:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:9:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:9:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:9:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:9:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:9:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:9:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:9:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:9:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:9:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:9:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:9:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:9:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:9:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:9:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:9:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:9:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:10:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:10:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:10:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:10:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:10:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:10:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:10:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:10:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:10:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:10:DA:C8	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:N	3:Y:10:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:10:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:10:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:10:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:10:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:10:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:10:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:10:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:10:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:10:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:10:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:10:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:10:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:10:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:10:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:10:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:10:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:10:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:10:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:10:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:10:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:10:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:11:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:11:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:11:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:11:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:11:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:11:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:11:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:11:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:11:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:11:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:11:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:11:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:11:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:11:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:11:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:11:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:11:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:11:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:11:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:11:DT:H71	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:N	3:Y:11:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:11:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:11:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:11:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:11:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:11:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:11:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:11:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:11:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:11:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:11:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:11:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:12:DC:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:12:DC:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:12:DC:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:12:DC:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:12:DC:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:12:DC:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:12:DC:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:12:DC:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:12:DC:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:12:DC:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:12:DC:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:12:DC:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:12:DC:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:12:DC:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:12:DC:H41	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:12:DC:H42	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:12:DC:H5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:12:DC:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:12:DC:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:12:DC:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:12:DC:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:12:DC:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:12:DC:N4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:12:DC:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:12:DC:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:12:DC:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:12:DC:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:12:DC:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:12:DC:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:12:DC:P	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:N	3:Y:13:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:13:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:13:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:13:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:13:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:13:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:13:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:13:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:13:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:13:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:13:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:13:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:13:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:13:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:13:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:13:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:13:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:13:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:13:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:13:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:13:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:13:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:13:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:13:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:13:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:13:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:13:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:13:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:13:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:13:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:13:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:N	3:Y:13:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:3:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:3:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:3:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:3:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:3:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:3:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:3:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:3:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:3:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:3:DT:C7	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:O	2:X:3:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:3:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:3:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:3:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:3:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:3:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:3:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:3:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:3:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:3:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:3:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:3:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:3:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:3:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:3:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:3:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:3:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:3:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:3:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:3:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:3:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:3:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:4:DG:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:4:DG:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:4:DG:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:4:DG:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:4:DG:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:4:DG:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:4:DG:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:4:DG:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:4:DG:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:4:DG:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:4:DG:H1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:4:DG:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:4:DG:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:4:DG:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:4:DG:H21	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:4:DG:H22	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:4:DG:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:4:DG:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:4:DG:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:4:DG:H5''	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:O	2:X:4:DG:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:4:DG:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:4:DG:N2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:4:DG:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:4:DG:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:4:DG:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:4:DG:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:4:DG:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:4:DG:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:4:DG:O6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:4:DG:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:4:DG:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:4:DG:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:5:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:5:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:5:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:5:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:5:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:5:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:5:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:5:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:5:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:5:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:5:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:5:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:5:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:5:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:5:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:5:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:5:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:5:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:5:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:5:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:5:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:5:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:5:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:5:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:5:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:5:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:5:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:5:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:5:DA:O5'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:O	2:X:5:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:5:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:5:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:6:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:6:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:6:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:6:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:6:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:6:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:6:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:6:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:6:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:6:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:6:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:6:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:6:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:6:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:6:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:6:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:6:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:6:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:6:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:6:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:6:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:6:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:6:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:6:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:6:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:6:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:6:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:6:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:6:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:6:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:6:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:6:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:7:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:7:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:7:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:7:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:7:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:7:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:7:DA:C5	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:O	2:X:7:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:7:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:7:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:7:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:7:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:7:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:7:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:7:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:7:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:7:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:7:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:7:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:7:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:7:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:7:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:7:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:7:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:7:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:7:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:7:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:7:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:7:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:7:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:7:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:7:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:8:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:8:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:8:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:8:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:8:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:8:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:8:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:8:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:8:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:8:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:8:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:8:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:8:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:8:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:8:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:8:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:8:DT:H5'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:O	2:X:8:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:8:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:8:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:8:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:8:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:8:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:8:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:8:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:8:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:8:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:8:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:8:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:8:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:8:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:8:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:9:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:9:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:9:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:9:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:9:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:9:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:9:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:9:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:9:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:9:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:9:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:9:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:9:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:9:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:9:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:9:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:9:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:9:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:9:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:9:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:9:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:9:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:9:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:9:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:9:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:9:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:9:DA:O3'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:O	2:X:9:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:9:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:9:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:9:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:9:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:10:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:10:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:10:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:10:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:10:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:10:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:10:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:10:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:10:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:10:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:10:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:10:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:10:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:10:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:10:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:10:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:10:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:10:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:10:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:10:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:10:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:10:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:10:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:10:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:10:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:10:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:10:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:10:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:10:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:10:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:10:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:10:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:11:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:11:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:11:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:11:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:11:DA:C4	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:O	2:X:11:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:11:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:11:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:11:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:11:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:11:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:11:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:11:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:11:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:11:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:11:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:11:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:11:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:11:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:11:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:11:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:11:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:11:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:11:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:11:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:11:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:11:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:11:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:11:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:11:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:11:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:11:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:12:DG:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:12:DG:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:12:DG:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:12:DG:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:12:DG:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:12:DG:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:12:DG:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:12:DG:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:12:DG:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:12:DG:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:12:DG:H1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:12:DG:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:12:DG:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:12:DG:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:12:DG:H21	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:O	2:X:12:DG:H22	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:12:DG:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:12:DG:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:12:DG:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:12:DG:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:12:DG:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:12:DG:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:12:DG:N2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:12:DG:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:12:DG:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:12:DG:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:12:DG:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:12:DG:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:12:DG:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:12:DG:O6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:12:DG:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:12:DG:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:12:DG:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:13:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:13:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:13:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:13:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:13:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:13:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:13:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:13:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:13:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:13:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:13:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:13:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:13:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:13:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:13:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:13:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:13:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:13:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:13:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:13:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:13:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:13:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:13:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:13:DT:N3	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:O	2:X:13:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:13:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:13:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:13:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:13:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:13:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:13:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	2:X:13:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:3:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:3:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:3:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:3:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:3:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:3:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:3:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:3:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:3:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:3:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:3:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:3:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:3:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:3:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:3:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:3:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:3:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:3:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:3:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:3:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:3:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:3:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:3:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:3:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:3:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:3:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:3:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:3:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:3:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:3:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:3:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:3:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:4:DC:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:4:DC:C2	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:O	3:Y:4:DC:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:4:DC:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:4:DC:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:4:DC:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:4:DC:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:4:DC:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:4:DC:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:4:DC:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:4:DC:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:4:DC:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:4:DC:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:4:DC:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:4:DC:H41	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:4:DC:H42	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:4:DC:H5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:4:DC:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:4:DC:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:4:DC:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:4:DC:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:4:DC:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:4:DC:N4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:4:DC:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:4:DC:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:4:DC:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:4:DC:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:4:DC:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:4:DC:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:4:DC:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:5:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:5:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:5:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:5:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:5:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:5:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:5:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:5:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:5:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:5:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:5:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:5:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:5:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:5:DT:H3	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:O	3:Y:5:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:5:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:5:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:5:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:5:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:5:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:5:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:5:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:5:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:5:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:5:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:5:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:5:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:5:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:5:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:5:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:5:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:5:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:6:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:6:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:6:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:6:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:6:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:6:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:6:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:6:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:6:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:6:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:6:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:6:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:6:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:6:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:6:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:6:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:6:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:6:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:6:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:6:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:6:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:6:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:6:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:6:DA:N6	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:O	3:Y:6:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:6:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:6:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:6:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:6:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:6:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:6:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:6:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:7:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:7:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:7:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:7:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:7:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:7:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:7:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:7:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:7:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:7:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:7:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:7:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:7:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:7:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:7:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:7:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:7:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:7:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:7:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:7:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:7:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:7:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:7:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:7:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:7:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:7:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:7:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:7:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:7:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:7:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:7:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:7:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:8:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:8:DA:C2	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:O	3:Y:8:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:8:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:8:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:8:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:8:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:8:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:8:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:8:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:8:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:8:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:8:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:8:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:8:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:8:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:8:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:8:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:8:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:8:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:8:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:8:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:8:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:8:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:8:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:8:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:8:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:8:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:8:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:8:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:8:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:8:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:9:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:9:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:9:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:9:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:9:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:9:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:9:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:9:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:9:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:9:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:9:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:9:DT:H2'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:O	3:Y:9:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:9:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:9:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:9:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:9:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:9:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:9:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:9:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:9:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:9:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:9:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:9:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:9:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:9:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:9:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:9:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:9:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:9:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:9:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:9:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:10:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:10:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:10:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:10:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:10:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:10:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:10:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:10:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:10:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:10:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:10:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:10:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:10:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:10:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:10:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:10:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:10:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:10:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:10:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:10:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:10:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:10:DA:N1	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:O	3:Y:10:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:10:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:10:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:10:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:10:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:10:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:10:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:10:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:10:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:10:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:11:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:11:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:11:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:11:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:11:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:11:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:11:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:11:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:11:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:11:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:11:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:11:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:11:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:11:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:11:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:11:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:11:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:11:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:11:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:11:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:11:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:11:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:11:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:11:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:11:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:11:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:11:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:11:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:11:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:11:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:11:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:11:DT:P	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:O	3:Y:12:DC:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:12:DC:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:12:DC:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:12:DC:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:12:DC:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:12:DC:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:12:DC:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:12:DC:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:12:DC:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:12:DC:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:12:DC:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:12:DC:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:12:DC:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:12:DC:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:12:DC:H41	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:12:DC:H42	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:12:DC:H5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:12:DC:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:12:DC:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:12:DC:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:12:DC:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:12:DC:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:12:DC:N4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:12:DC:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:12:DC:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:12:DC:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:12:DC:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:12:DC:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:12:DC:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:12:DC:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:13:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:13:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:13:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:13:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:13:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:13:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:13:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:13:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:13:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:13:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:13:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:13:DA:H2	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:O	3:Y:13:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:13:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:13:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:13:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:13:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:13:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:13:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:13:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:13:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:13:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:13:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:13:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:13:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:13:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:13:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:13:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:13:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:13:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:13:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:O	3:Y:13:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:3:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:3:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:3:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:3:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:3:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:3:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:3:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:3:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:3:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:3:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:3:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:3:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:3:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:3:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:3:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:3:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:3:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:3:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:3:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:3:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:3:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:3:DT:H73	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:OG1	2:X:3:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:3:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:3:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:3:DT:O3 [?]	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:3:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:3:DT:O4 [?]	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:3:DT:O5 [?]	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:3:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:3:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:3:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:4:DG:C1 [?]	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:4:DG:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:4:DG:C2 [?]	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:4:DG:C3 [?]	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:4:DG:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:4:DG:C4 [?]	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:4:DG:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:4:DG:C5 [?]	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:4:DG:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:4:DG:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:4:DG:H1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:4:DG:H1 [?]	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:4:DG:H2 [?]	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:4:DG:H2 [?]	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:4:DG:H21	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:4:DG:H22	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:4:DG:H3 [?]	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:4:DG:H4 [?]	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:4:DG:H5 [?]	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:4:DG:H5 [?]	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:4:DG:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:4:DG:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:4:DG:N2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:4:DG:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:4:DG:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:4:DG:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:4:DG:O3 [?]	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:4:DG:O4 [?]	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:4:DG:O5 [?]	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:4:DG:O6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:4:DG:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:4:DG:OP2	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:OG1	2:X:4:DG:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:5:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:5:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:5:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:5:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:5:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:5:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:5:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:5:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:5:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:5:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:5:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:5:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:5:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:5:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:5:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:5:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:5:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:5:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:5:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:5:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:5:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:5:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:5:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:5:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:5:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:5:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:5:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:5:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:5:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:5:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:5:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:5:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:6:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:6:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:6:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:6:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:6:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:6:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:6:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:6:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:6:DT:C6	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:OG1	2:X:6:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:6:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:6:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:6:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:6:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:6:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:6:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:6:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:6:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:6:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:6:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:6:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:6:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:6:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:6:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:6:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:6:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:6:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:6:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:6:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:6:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:6:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:6:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:7:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:7:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:7:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:7:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:7:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:7:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:7:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:7:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:7:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:7:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:7:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:7:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:7:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:7:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:7:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:7:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:7:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:7:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:7:DA:H61	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:OG1	2:X:7:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:7:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:7:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:7:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:7:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:7:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:7:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:7:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:7:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:7:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:7:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:7:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:7:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:8:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:8:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:8:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:8:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:8:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:8:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:8:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:8:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:8:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:8:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:8:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:8:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:8:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:8:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:8:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:8:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:8:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:8:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:8:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:8:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:8:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:8:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:8:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:8:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:8:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:8:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:8:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:8:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:8:DT:O5'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:OG1	2:X:8:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:8:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:8:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:9:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:9:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:9:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:9:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:9:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:9:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:9:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:9:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:9:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:9:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:9:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:9:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:9:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:9:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:9:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:9:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:9:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:9:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:9:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:9:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:9:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:9:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:9:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:9:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:9:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:9:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:9:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:9:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:9:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:9:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:9:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:9:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:10:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:10:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:10:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:10:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:10:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:10:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:10:DT:C5	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:OG1	2:X:10:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:10:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:10:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:10:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:10:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:10:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:10:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:10:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:10:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:10:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:10:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:10:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:10:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:10:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:10:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:10:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:10:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:10:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:10:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:10:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:10:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:10:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:10:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:10:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:10:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:11:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:11:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:11:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:11:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:11:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:11:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:11:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:11:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:11:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:11:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:11:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:11:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:11:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:11:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:11:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:11:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:11:DA:H5'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:OG1	2:X:11:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:11:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:11:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:11:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:11:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:11:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:11:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:11:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:11:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:11:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:11:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:11:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:11:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:11:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:11:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:12:DG:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:12:DG:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:12:DG:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:12:DG:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:12:DG:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:12:DG:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:12:DG:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:12:DG:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:12:DG:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:12:DG:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:12:DG:H1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:12:DG:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:12:DG:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:12:DG:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:12:DG:H21	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:12:DG:H22	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:12:DG:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:12:DG:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:12:DG:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:12:DG:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:12:DG:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:12:DG:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:12:DG:N2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:12:DG:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:12:DG:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:12:DG:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:12:DG:O3'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:OG1	2:X:12:DG:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:12:DG:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:12:DG:O6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:12:DG:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:12:DG:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:12:DG:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:13:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:13:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:13:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:13:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:13:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:13:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:13:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:13:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:13:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:13:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:13:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:13:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:13:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:13:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:13:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:13:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:13:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:13:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:13:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:13:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:13:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:13:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:13:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:13:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:13:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:13:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:13:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:13:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:13:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:13:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:13:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	2:X:13:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:C3'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:H4'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:H41	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:H42	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:H5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:N4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:O3'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:C3'	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:H2''	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:N3	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:N6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:C2	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:C7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:H3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:H71	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:H72	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:H73	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:O4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:H2''	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:H41	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:H42	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:H5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:H6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:N4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:O2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:P	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:C1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:C2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:C2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:C3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:C4	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:C4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:C5	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:C5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:C6	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:C8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:H1'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:H2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:H2'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:H2''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:H3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:H4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:H5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:H5''	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:H61	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:H62	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:H8	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:N1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:N3	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:N6	4	1.31	0.72	1.54

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:N7	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:N9	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:O3'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:O4'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:O5'	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:OP1	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:OP2	4	1.31	0.72	1.54
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:P	4	1.31	0.72	1.54
(1,33)	3:Y:10:DA:C1'	1:A:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1'	1:A:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1'	1:A:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1'	1:A:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1'	1:A:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1'	1:A:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1'	1:A:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1'	1:A:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1'	1:A:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1'	1:A:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1'	1:A:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1'	1:A:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1'	1:A:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1'	1:A:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1'	1:A:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1'	1:A:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1'	1:A:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1'	1:A:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1'	1:A:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1'	1:A:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1'	1:A:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1'	1:A:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1'	1:A:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1'	1:A:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1'	1:A:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1'	1:A:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1'	1:A:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1'	1:A:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1'	1:A:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1'	1:A:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1'	1:A:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1'	1:A:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1'	1:A:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1'	1:A:8:ARG:HH11	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C1 [?]	1:A:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:12:SER:CA	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C1 [?]	1:A:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:20:THR:HG1	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C1 [?]	1:A:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:A:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:8:ARG:NE	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C1 [?]	1:B:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:12:SER:O	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C1 [?]	1:B:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C1 [?]	1:B:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:3:HIS:CA	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C2	1:A:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:9:TRP:CA	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C2	1:A:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:16:ARG:CD	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C2	1:A:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:A:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:3:HIS:H	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C2	1:B:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:9:TRP:CE3	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C2	1:B:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:16:ARG:HH11	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C2	1:B:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2	1:B:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2 ⁷	1:A:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2 ⁷	1:A:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2 ⁷	1:A:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2 ⁷	1:A:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2 ⁷	1:A:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2 ⁷	1:A:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2 ⁷	1:A:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2 ⁷	1:A:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2 ⁷	1:A:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2 ⁷	1:A:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2 ⁷	1:A:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2 ⁷	1:A:3:HIS:O	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C2'	1:A:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:9:TRP:H	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C2'	1:A:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:16:ARG:NE	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C2'	1:A:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:A:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:7:LYS:CE	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C2'	1:B:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:10:GLY:C	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C2'	1:B:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:18:PRO:CA	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C2'	1:B:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C2'	1:B:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:A:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:A:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:A:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:A:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:A:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:A:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:A:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:A:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:A:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:A:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:A:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:A:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:A:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:A:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:A:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:A:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:A:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:A:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:A:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:A:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:A:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:A:7:LYS:HZ3	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C3 ⁷	1:A:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:11:ASN:C	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C3 ⁷	1:A:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:18:PRO:O	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C3 ⁷	1:A:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:A:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:8:ARG:CA	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C3 ⁷	1:B:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3 ⁷	1:B:11:ASN:HD21	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C3'	1:B:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:19:ALA:N	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C3'	1:B:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C3'	1:B:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:8:ARG:H	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C4	1:A:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:11:ASN:OD1	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C4	1:A:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:20:THR:CG2	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C4	1:A:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:A:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:8:ARG:HH22	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C4	1:B:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:12:SER:HG	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C4	1:B:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4	1:B:20:THR:OG1	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C4'	1:A:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:8:ARG:O	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C4'	1:A:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:16:ARG:CA	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C4'	1:A:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:A:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:3:HIS:CE1	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C4'	1:B:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:9:TRP:CD2	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C4'	1:B:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:16:ARG:H	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C4'	1:B:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C4'	1:B:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:3:HIS:ND1	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C5	1:A:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:9:TRP:CZ2	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C5	1:A:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:16:ARG:HH22	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C5	1:A:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:A:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:7:LYS:CB	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C5	1:B:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:9:TRP:NE1	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C5	1:B:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:16:ARG:O	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C5	1:B:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5	1:B:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:7:LYS:HZ1	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C5 ⁷	1:A:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:10:GLY:N	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C5 ⁷	1:A:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:A:18:PRO:CG	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C5 ^γ	1:A:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:A:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:A:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:A:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:A:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:A:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:A:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:A:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:A:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:A:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:A:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:A:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:A:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:A:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:A:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:A:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:A:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:7:LYS:O	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C5 ⁷	1:B:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:B:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:B:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:B:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:B:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:B:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:B:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:B:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:B:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:B:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:B:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:B:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:B:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:B:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:B:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:B:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:B:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:B:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:B:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:B:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:B:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:B:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:B:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:B:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:B:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:B:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:B:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:B:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:B:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:B:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:B:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:B:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:B:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:B:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:B:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:B:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:B:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:B:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:B:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:B:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:B:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ⁷	1:B:11:ASN:CG	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C5 ^γ	1:B:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5 ^γ	1:B:19:ALA:CB	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C5'	1:B:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5'	1:B:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5'	1:B:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5'	1:B:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5'	1:B:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5'	1:B:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5'	1:B:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5'	1:B:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5'	1:B:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5'	1:B:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5'	1:B:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C5'	1:B:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:8:ARG:CG	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C6	1:A:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:11:ASN:ND2	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C6	1:A:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:20:THR:CA	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C6	1:A:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:A:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:8:ARG:HH12	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C6	1:B:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:12:SER:CB	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C6	1:B:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:20:THR:N	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C6	1:B:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C6	1:B:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:8:ARG:NH1	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C8	1:A:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:12:SER:OG	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C8	1:A:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:A:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:3:HIS:CB	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C8	1:B:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:9:TRP:CB	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C8	1:B:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:16:ARG:CG	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:C8	1:B:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:C8	1:B:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:3:HIS:HD1	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H1 [?]	1:A:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:9:TRP:CG	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H1 [?]	1:A:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:16:ARG:HH12	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H1 [?]	1:A:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:A:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:7:LYS:C	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H1 [?]	1:B:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:9:TRP:HE1	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H1 [?]	1:B:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1 [?]	1:B:16:ARG:NH1	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H1'	1:B:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1'	1:B:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1'	1:B:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1'	1:B:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1'	1:B:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1'	1:B:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1'	1:B:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1'	1:B:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1'	1:B:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1'	1:B:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1'	1:B:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1'	1:B:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1'	1:B:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1'	1:B:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1'	1:B:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1'	1:B:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1'	1:B:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1'	1:B:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1'	1:B:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1'	1:B:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1'	1:B:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1'	1:B:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1'	1:B:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H1'	1:B:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:7:LYS:CG	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H2	1:A:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:10:GLY:CA	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H2	1:A:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:18:PRO:CB	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H2	1:A:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:A:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:7:LYS:N	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H2	1:B:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:11:ASN:CA	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H2	1:B:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:19:ALA:C	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H2	1:B:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2	1:B:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:8:ARG:CB	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H2 ⁷	1:A:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:A:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:A:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:A:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:A:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:A:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:A:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:A:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:A:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:A:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:A:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:A:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:A:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:A:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:A:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:A:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:A:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:A:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:A:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:A:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:A:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:A:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:A:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:A:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:A:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:A:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:A:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:A:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:A:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:A:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:A:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:A:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:A:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:A:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:A:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:A:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:A:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:A:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:A:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:A:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:A:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:A:11:ASN:HD22	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H2 [?]	1:A:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:19:ALA:O	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H2 [?]	1:A:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:A:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:B:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:B:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:B:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:B:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:B:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:B:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:B:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:B:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:B:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:B:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:B:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:B:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:B:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:B:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:B:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:B:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:B:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:B:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:B:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:B:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:B:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:B:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:B:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:B:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:B:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:B:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:B:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:B:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:B:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:B:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:B:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:B:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 [?]	1:B:8:ARG:HE	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H2 ⁷	1:B:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:12:SER:C	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H2 ⁷	1:B:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:20:THR:H	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H2 ^o	1:B:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ^o	1:B:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ^o	1:B:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ^o	1:B:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ^o	1:A:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ^o	1:A:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ^o	1:A:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ^o	1:A:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ^o	1:A:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ^o	1:A:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ^o	1:A:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ^o	1:A:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ^o	1:A:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ^o	1:A:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ^o	1:A:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ^o	1:A:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ^o	1:A:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ^o	1:A:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ^o	1:A:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ^o	1:A:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ^o	1:A:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ^o	1:A:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ^o	1:A:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ^o	1:A:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ^o	1:A:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ^o	1:A:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ^o	1:A:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ^o	1:A:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ^o	1:A:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ^o	1:A:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ^o	1:A:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ^o	1:A:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ^o	1:A:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ^o	1:A:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ^o	1:A:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ^o	1:A:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ^o	1:A:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ^o	1:A:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ^o	1:A:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ^o	1:A:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ^o	1:A:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ^o	1:A:8:ARG:N	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H2''	1:A:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:12:SER:N	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H2''	1:A:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:A:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:3:HIS:C	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H2''	1:B:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:9:TRP:C	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H2''	1:B:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2''	1:B:16:ARG:CB	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H2 ⁷	1:B:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H2 ⁷	1:B:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:3:HIS:CG	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H3 ⁷	1:A:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:9:TRP:CE2	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H3 ⁷	1:A:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:A:16:ARG:HE	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H3 [?]	1:A:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:A:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:A:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:A:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:A:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:A:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:A:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:A:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:A:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:A:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:A:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:A:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:A:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:A:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:A:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:A:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:A:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:A:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:A:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:A:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:A:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:A:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:A:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:A:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:A:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:A:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:A:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:A:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:A:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:A:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:A:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:B:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:B:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:B:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:B:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:B:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:B:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:B:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:B:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:B:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:B:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:B:3:HIS:NE2	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H3 ⁷	1:B:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:9:TRP:CZ3	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H3 ⁷	1:B:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 ⁷	1:B:16:ARG:N	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H3 [?]	1:B:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:B:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:B:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:B:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:B:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:B:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:B:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:B:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:B:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:B:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:B:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:B:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:B:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:B:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:B:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:B:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:B:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:B:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:B:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:B:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:B:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:B:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:B:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:B:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:B:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H3 [?]	1:B:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:7:LYS:CD	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H4 [?]	1:A:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:9:TRP:O	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H4 [?]	1:A:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:18:PRO:C	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H4 [?]	1:A:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:A:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:7:LYS:HZ2	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H4 [?]	1:B:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:10:GLY:O	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H4 [?]	1:B:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:18:PRO:N	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H4 [?]	1:B:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H4 [?]	1:B:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 [?]	1:A:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 [?]	1:A:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 [?]	1:A:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 [?]	1:A:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 [?]	1:A:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 [?]	1:A:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 [?]	1:A:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 [?]	1:A:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 [?]	1:A:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 [?]	1:A:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 [?]	1:A:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 [?]	1:A:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 [?]	1:A:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 [?]	1:A:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 [?]	1:A:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 [?]	1:A:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 [?]	1:A:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 [?]	1:A:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 [?]	1:A:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 [?]	1:A:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 [?]	1:A:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 [?]	1:A:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 [?]	1:A:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 [?]	1:A:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 [?]	1:A:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 [?]	1:A:8:ARG:C	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H5 ⁷	1:A:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:11:ASN:H	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H5 ⁷	1:A:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:19:ALA:H	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H5 ⁷	1:A:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:8:ARG:CZ	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H5 ⁷	1:B:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:11:ASN:O	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H5 ⁷	1:B:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:20:THR:CB	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H5 ⁷	1:B:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:B:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5 ⁷	1:A:8:ARG:HH21	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H5''	1:A:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:12:SER:H	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H5''	1:A:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:A:20:THR:O	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H5''	1:A:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:8:ARG:NH2	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H5''	1:B:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:16:ARG:C	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H5''	1:B:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H5''	1:B:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:3:HIS:CD2	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H61	1:A:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:9:TRP:CD1	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H61	1:A:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:16:ARG:CZ	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H61	1:A:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:A:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:3:HIS:N	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H61	1:B:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:9:TRP:CH2	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H61	1:B:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:16:ARG:HH21	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H61	1:B:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H61	1:B:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:7:LYS:CA	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H62	1:A:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:9:TRP:N	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H62	1:A:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:16:ARG:NH2	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H62	1:A:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:A:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:7:LYS:H	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H62	1:B:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:10:GLY:H	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H62	1:B:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:18:PRO:CD	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H62	1:B:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H62	1:B:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:7:LYS:NZ	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H8	1:A:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:11:ASN:CB	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H8	1:A:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:19:ALA:CA	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H8	1:A:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:A:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:8:ARG:CD	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H8	1:B:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:11:ASN:N	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H8	1:B:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:20:THR:C	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:H8	1:B:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:H8	1:B:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:8:ARG:HH11	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:N1	1:A:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:12:SER:CA	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:N1	1:A:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:20:THR:HG1	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:N1	1:A:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:A:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:8:ARG:NE	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:N1	1:B:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:12:SER:O	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:N1	1:B:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N1	1:B:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:3:HIS:CA	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:N3	1:A:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:9:TRP:CA	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:N3	1:A:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:16:ARG:CD	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:N3	1:A:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:A:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:3:HIS:H	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:N3	1:B:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:9:TRP:CE3	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:N3	1:B:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:16:ARG:HH11	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:N3	1:B:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N3	1:B:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:3:HIS:O	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:N6	1:A:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:9:TRP:H	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:N6	1:A:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:16:ARG:NE	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:N6	1:A:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:A:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:7:LYS:CE	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:N6	1:B:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:10:GLY:C	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:N6	1:B:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:18:PRO:CA	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:N6	1:B:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N6	1:B:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:7:LYS:HZ3	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:N7	1:A:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:11:ASN:C	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:N7	1:A:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:18:PRO:O	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:N7	1:A:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:A:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:8:ARG:CA	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:N7	1:B:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:11:ASN:HD21	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:N7	1:B:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:19:ALA:N	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:N7	1:B:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N7	1:B:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:8:ARG:H	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:N9	1:A:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:11:ASN:OD1	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:N9	1:A:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:20:THR:CG2	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:N9	1:A:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:A:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:8:ARG:HH22	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:N9	1:B:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:12:SER:HG	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:N9	1:B:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:N9	1:B:20:THR:OG1	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:O3 ⁷	1:A:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:8:ARG:O	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:O3 ⁷	1:A:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:16:ARG:CA	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:O3 ⁷	1:A:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:A:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:B:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:B:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:B:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:B:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3 ⁷	1:B:3:HIS:CE1	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:O3'	1:B:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:9:TRP:CD2	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:O3'	1:B:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:16:ARG:H	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:O3'	1:B:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O3'	1:B:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:3:HIS:ND1	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:O4'	1:A:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:9:TRP:CZ2	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:O4'	1:A:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:16:ARG:HH22	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:O4'	1:A:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:A:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:7:LYS:CB	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:O4'	1:B:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:9:TRP:NE1	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:O4'	1:B:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:16:ARG:O	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:O4'	1:B:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O4'	1:B:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:A:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:A:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:A:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:A:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:A:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:A:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:A:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:A:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:A:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:A:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:A:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:A:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:A:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:A:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:A:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:A:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:A:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:A:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:A:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:A:7:LYS:HZ1	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:O5 ⁷	1:A:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:10:GLY:N	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:O5 ⁷	1:A:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:A:18:PRO:CG	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:O5'	1:A:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:A:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:A:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:A:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:A:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:A:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:A:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:A:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:A:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:A:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:A:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:A:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:A:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:A:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:A:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:A:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:A:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:7:LYS:O	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:O5 ⁷	1:B:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:B:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:B:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:B:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:B:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:B:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:B:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:B:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:B:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:B:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:B:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:B:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:B:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:B:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:B:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:B:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:B:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:B:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:B:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:B:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:B:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:B:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:B:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:B:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:B:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:B:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:B:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:B:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:B:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:B:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:B:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:B:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:B:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:B:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:B:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:B:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:B:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:B:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:B:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:B:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:B:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5 ⁷	1:B:11:ASN:CG	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:O5'	1:B:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:19:ALA:CB	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:O5'	1:B:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:O5'	1:B:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:8:ARG:CG	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:OP1	1:A:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:11:ASN:ND2	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:OP1	1:A:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:20:THR:CA	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:OP1	1:A:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:A:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:8:ARG:HH12	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:OP1	1:B:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:12:SER:CB	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:OP1	1:B:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:20:THR:N	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:OP1	1:B:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP1	1:B:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:8:ARG:NH1	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:OP2	1:A:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:12:SER:OG	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:OP2	1:A:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:A:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:3:HIS:CB	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:OP2	1:B:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:9:TRP:CB	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:OP2	1:B:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:16:ARG:CG	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:OP2	1:B:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:OP2	1:B:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:3:HIS:HD1	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:P	1:A:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:7:LYS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:9:TRP:CG	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:P	1:A:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:9:TRP:HE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:16:ARG:HH12	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:P	1:A:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:16:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:A:20:THR:OG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:3:HIS:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:3:HIS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:3:HIS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:3:HIS:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:3:HIS:CE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:3:HIS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:3:HIS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:3:HIS:HD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:3:HIS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:3:HIS:ND1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:3:HIS:NE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:3:HIS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:7:LYS:C	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:P	1:B:7:LYS:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:7:LYS:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:7:LYS:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:7:LYS:CE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:7:LYS:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:7:LYS:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:7:LYS:HZ1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:7:LYS:HZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:7:LYS:HZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:7:LYS:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:7:LYS:NZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:7:LYS:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:8:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:8:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:8:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:8:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:8:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:8:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:8:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:8:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:8:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:8:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:8:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:8:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:8:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:8:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:8:ARG:NH1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:8:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:8:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:9:TRP:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:9:TRP:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:9:TRP:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:9:TRP:CD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:9:TRP:CD2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:9:TRP:CE2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:9:TRP:CE3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:9:TRP:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:9:TRP:CH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:9:TRP:CZ2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:9:TRP:CZ3	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:9:TRP:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:9:TRP:HE1	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:P	1:B:9:TRP:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:9:TRP:NE1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:9:TRP:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:10:GLY:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:10:GLY:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:10:GLY:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:10:GLY:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:10:GLY:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:11:ASN:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:11:ASN:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:11:ASN:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:11:ASN:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:11:ASN:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:11:ASN:HD21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:11:ASN:HD22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:11:ASN:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:11:ASN:ND2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:11:ASN:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:11:ASN:OD1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:12:SER:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:12:SER:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:12:SER:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:12:SER:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:12:SER:HG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:12:SER:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:12:SER:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:12:SER:OG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:16:ARG:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:16:ARG:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:16:ARG:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:16:ARG:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:16:ARG:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:16:ARG:CZ	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:16:ARG:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:16:ARG:HE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:16:ARG:HH11	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:16:ARG:HH12	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:16:ARG:HH21	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:16:ARG:HH22	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:16:ARG:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:16:ARG:NE	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:16:ARG:NH1	4	0.67	0.39	0.74

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,33)	3:Y:10:DA:P	1:B:16:ARG:NH2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:16:ARG:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:18:PRO:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:18:PRO:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:18:PRO:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:18:PRO:CD	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:18:PRO:CG	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:18:PRO:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:18:PRO:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:19:ALA:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:19:ALA:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:19:ALA:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:19:ALA:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:19:ALA:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:19:ALA:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:20:THR:C	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:20:THR:CA	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:20:THR:CB	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:20:THR:CG2	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:20:THR:H	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:20:THR:HG1	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:20:THR:N	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:20:THR:O	4	0.67	0.39	0.74
(1,33)	3:Y:10:DA:P	1:B:20:THR:OG1	4	0.67	0.39	0.74
(1,12)	1:B:8:ARG:C	2:X:3:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:3:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:3:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:3:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:3:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:3:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:3:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:3:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:3:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:3:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:3:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:3:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:3:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:3:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:3:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:3:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:3:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:3:DT:H5''	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:C	2:X:3:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:3:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:3:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:3:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:3:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:3:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:3:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:3:DT:O3 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:3:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:3:DT:O4 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:3:DT:O5 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:3:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:3:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:3:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:4:DG:C1 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:4:DG:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:4:DG:C2 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:4:DG:C3 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:4:DG:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:4:DG:C4 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:4:DG:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:4:DG:C5 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:4:DG:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:4:DG:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:4:DG:H1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:4:DG:H1 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:4:DG:H2 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:4:DG:H2 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:4:DG:H21	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:4:DG:H22	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:4:DG:H3 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:4:DG:H4 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:4:DG:H5 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:4:DG:H5 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:4:DG:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:4:DG:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:4:DG:N2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:4:DG:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:4:DG:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:4:DG:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:4:DG:O3 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:4:DG:O4 [?]	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:C	2:X:4:DG:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:4:DG:O6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:4:DG:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:4:DG:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:4:DG:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:5:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:5:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:5:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:5:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:5:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:5:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:5:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:5:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:5:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:5:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:5:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:5:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:5:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:5:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:5:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:5:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:5:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:5:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:5:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:5:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:5:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:5:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:5:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:5:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:5:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:5:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:5:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:5:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:5:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:5:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:5:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:5:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:6:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:6:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:6:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:6:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:6:DT:C4	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:C	2:X:6:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:6:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:6:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:6:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:6:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:6:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:6:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:6:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:6:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:6:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:6:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:6:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:6:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:6:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:6:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:6:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:6:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:6:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:6:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:6:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:6:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:6:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:6:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:6:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:6:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:6:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:6:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:7:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:7:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:7:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:7:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:7:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:7:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:7:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:7:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:7:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:7:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:7:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:7:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:7:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:7:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:7:DA:H3'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:C	2:X:7:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:7:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:7:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:7:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:7:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:7:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:7:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:7:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:7:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:7:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:7:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:7:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:7:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:7:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:7:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:7:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:7:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:8:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:8:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:8:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:8:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:8:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:8:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:8:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:8:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:8:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:8:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:8:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:8:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:8:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:8:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:8:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:8:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:8:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:8:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:8:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:8:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:8:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:8:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:8:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:8:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:8:DT:O2	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:C	2:X:8:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:8:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:8:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:8:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:8:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:8:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:8:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:9:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:9:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:9:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:9:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:9:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:9:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:9:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:9:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:9:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:9:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:9:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:9:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:9:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:9:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:9:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:9:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:9:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:9:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:9:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:9:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:9:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:9:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:9:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:9:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:9:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:9:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:9:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:9:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:9:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:9:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:9:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:9:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:10:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:10:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:10:DT:C2'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:C	2:X:10:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:10:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:10:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:10:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:10:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:10:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:10:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:10:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:10:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:10:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:10:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:10:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:10:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:10:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:10:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:10:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:10:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:10:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:10:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:10:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:10:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:10:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:10:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:10:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:10:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:10:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:10:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:10:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:10:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:11:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:11:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:11:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:11:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:11:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:11:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:11:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:11:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:11:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:11:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:11:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:11:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:11:DA:H2'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:C	2:X:11:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:11:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:11:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:11:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:11:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:11:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:11:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:11:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:11:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:11:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:11:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:11:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:11:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:11:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:11:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:11:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:11:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:11:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:11:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:12:DG:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:12:DG:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:12:DG:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:12:DG:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:12:DG:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:12:DG:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:12:DG:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:12:DG:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:12:DG:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:12:DG:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:12:DG:H1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:12:DG:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:12:DG:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:12:DG:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:12:DG:H21	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:12:DG:H22	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:12:DG:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:12:DG:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:12:DG:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:12:DG:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:12:DG:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:12:DG:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:12:DG:N2	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:C	2:X:12:DG:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:12:DG:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:12:DG:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:12:DG:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:12:DG:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:12:DG:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:12:DG:O6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:12:DG:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:12:DG:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:12:DG:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:13:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:13:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:13:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:13:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:13:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:13:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:13:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:13:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:13:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:13:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:13:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:13:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:13:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:13:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:13:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:13:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:13:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:13:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:13:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:13:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:13:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:13:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:13:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:13:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:13:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:13:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:13:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:13:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:13:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:13:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:13:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	2:X:13:DT:P	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:C	3:Y:3:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:3:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:3:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:3:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:3:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:3:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:3:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:3:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:3:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:3:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:3:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:3:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:3:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:3:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:3:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:3:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:3:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:3:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:3:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:3:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:3:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:3:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:3:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:3:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:3:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:3:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:3:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:3:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:3:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:3:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:3:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:3:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:4:DC:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:4:DC:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:4:DC:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:4:DC:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:4:DC:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:4:DC:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:4:DC:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:4:DC:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:4:DC:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:4:DC:H1'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:C	3:Y:4:DC:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:4:DC:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:4:DC:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:4:DC:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:4:DC:H41	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:4:DC:H42	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:4:DC:H5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:4:DC:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:4:DC:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:4:DC:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:4:DC:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:4:DC:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:4:DC:N4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:4:DC:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:4:DC:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:4:DC:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:4:DC:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:4:DC:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:4:DC:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:4:DC:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:5:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:5:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:5:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:5:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:5:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:5:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:5:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:5:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:5:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:5:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:5:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:5:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:5:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:5:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:5:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:5:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:5:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:5:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:5:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:5:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:5:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:5:DT:H73	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:C	3:Y:5:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:5:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:5:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:5:DT:O3 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:5:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:5:DT:O4 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:5:DT:O5 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:5:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:5:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:5:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:6:DA:C1 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:6:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:6:DA:C2 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:6:DA:C3 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:6:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:6:DA:C4 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:6:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:6:DA:C5 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:6:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:6:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:6:DA:H1 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:6:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:6:DA:H2 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:6:DA:H2 ^{??}	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:6:DA:H3 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:6:DA:H4 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:6:DA:H5 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:6:DA:H5 ^{??}	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:6:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:6:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:6:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:6:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:6:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:6:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:6:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:6:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:6:DA:O3 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:6:DA:O4 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:6:DA:O5 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:6:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:6:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:6:DA:P	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:C	3:Y:7:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:7:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:7:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:7:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:7:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:7:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:7:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:7:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:7:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:7:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:7:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:7:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:7:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:7:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:7:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:7:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:7:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:7:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:7:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:7:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:7:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:7:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:7:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:7:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:7:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:7:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:7:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:7:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:7:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:7:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:7:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:7:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:8:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:8:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:8:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:8:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:8:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:8:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:8:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:8:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:8:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:8:DA:C8	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:C	3:Y:8:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:8:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:8:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:8:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:8:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:8:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:8:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:8:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:8:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:8:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:8:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:8:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:8:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:8:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:8:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:8:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:8:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:8:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:8:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:8:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:8:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:8:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:9:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:9:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:9:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:9:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:9:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:9:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:9:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:9:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:9:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:9:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:9:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:9:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:9:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:9:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:9:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:9:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:9:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:9:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:9:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:9:DT:H71	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:C	3:Y:9:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:9:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:9:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:9:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:9:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:9:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:9:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:9:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:9:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:9:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:9:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:9:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:10:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:10:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:10:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:10:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:10:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:10:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:10:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:10:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:10:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:10:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:10:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:10:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:10:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:10:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:10:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:10:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:10:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:10:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:10:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:10:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:10:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:10:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:10:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:10:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:10:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:10:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:10:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:10:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:10:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:10:DA:OP1	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:C	3:Y:10:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:10:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:11:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:11:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:11:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:11:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:11:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:11:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:11:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:11:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:11:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:11:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:11:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:11:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:11:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:11:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:11:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:11:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:11:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:11:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:11:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:11:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:11:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:11:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:11:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:11:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:11:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:11:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:11:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:11:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:11:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:11:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:11:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:11:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:12:DC:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:12:DC:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:12:DC:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:12:DC:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:12:DC:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:12:DC:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:12:DC:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:12:DC:C5'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:C	3:Y:12:DC:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:12:DC:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:12:DC:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:12:DC:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:12:DC:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:12:DC:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:12:DC:H41	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:12:DC:H42	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:12:DC:H5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:12:DC:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:12:DC:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:12:DC:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:12:DC:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:12:DC:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:12:DC:N4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:12:DC:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:12:DC:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:12:DC:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:12:DC:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:12:DC:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:12:DC:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:12:DC:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:13:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:13:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:13:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:13:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:13:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:13:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:13:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:13:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:13:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:13:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:13:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:13:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:13:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:13:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:13:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:13:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:13:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:13:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:13:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:13:DA:H62	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:C	3:Y:13:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:13:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:13:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:13:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:13:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:13:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:13:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:13:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:13:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:13:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:13:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:C	3:Y:13:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:3:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:3:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:3:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:3:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:3:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:3:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:3:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:3:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:3:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:3:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:3:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:3:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:3:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:3:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:3:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:3:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:3:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:3:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:3:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:3:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:3:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:3:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:3:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:3:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:3:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:3:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:3:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:3:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:3:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:3:DT:OP1	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CA	2:X:3:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:3:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:4:DG:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:4:DG:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:4:DG:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:4:DG:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:4:DG:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:4:DG:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:4:DG:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:4:DG:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:4:DG:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:4:DG:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:4:DG:H1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:4:DG:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:4:DG:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:4:DG:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:4:DG:H21	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:4:DG:H22	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:4:DG:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:4:DG:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:4:DG:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:4:DG:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:4:DG:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:4:DG:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:4:DG:N2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:4:DG:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:4:DG:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:4:DG:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:4:DG:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:4:DG:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:4:DG:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:4:DG:O6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:4:DG:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:4:DG:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:4:DG:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:5:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:5:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:5:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:5:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:5:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:5:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:5:DA:C5	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CA	2:X:5:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:5:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:5:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:5:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:5:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:5:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:5:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:5:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:5:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:5:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:5:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:5:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:5:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:5:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:5:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:5:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:5:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:5:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:5:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:5:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:5:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:5:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:5:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:5:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:5:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:6:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:6:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:6:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:6:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:6:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:6:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:6:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:6:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:6:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:6:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:6:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:6:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:6:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:6:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:6:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:6:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:6:DT:H5'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CA	2:X:6:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:6:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:6:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:6:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:6:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:6:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:6:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:6:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:6:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:6:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:6:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:6:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:6:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:6:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:6:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:7:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:7:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:7:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:7:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:7:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:7:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:7:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:7:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:7:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:7:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:7:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:7:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:7:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:7:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:7:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:7:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:7:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:7:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:7:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:7:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:7:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:7:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:7:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:7:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:7:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:7:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:7:DA:O3'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CA	2:X:7:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:7:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:7:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:7:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:7:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:8:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:8:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:8:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:8:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:8:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:8:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:8:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:8:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:8:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:8:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:8:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:8:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:8:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:8:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:8:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:8:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:8:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:8:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:8:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:8:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:8:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:8:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:8:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:8:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:8:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:8:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:8:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:8:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:8:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:8:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:8:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:8:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:9:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:9:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:9:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:9:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:9:DA:C4	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CA	2:X:9:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:9:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:9:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:9:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:9:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:9:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:9:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:9:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:9:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:9:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:9:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:9:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:9:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:9:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:9:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:9:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:9:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:9:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:9:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:9:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:9:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:9:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:9:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:9:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:9:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:9:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:9:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:10:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:10:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:10:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:10:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:10:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:10:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:10:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:10:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:10:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:10:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:10:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:10:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:10:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:10:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:10:DT:H3'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CA	2:X:10:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:10:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:10:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:10:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:10:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:10:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:10:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:10:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:10:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:10:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:10:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:10:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:10:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:10:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:10:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:10:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:10:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:11:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:11:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:11:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:11:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:11:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:11:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:11:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:11:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:11:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:11:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:11:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:11:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:11:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:11:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:11:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:11:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:11:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:11:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:11:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:11:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:11:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:11:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:11:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:11:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:11:DA:N7	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CA	2:X:11:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:11:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:11:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:11:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:11:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:11:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:11:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:12:DG:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:12:DG:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:12:DG:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:12:DG:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:12:DG:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:12:DG:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:12:DG:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:12:DG:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:12:DG:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:12:DG:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:12:DG:H1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:12:DG:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:12:DG:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:12:DG:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:12:DG:H21	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:12:DG:H22	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:12:DG:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:12:DG:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:12:DG:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:12:DG:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:12:DG:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:12:DG:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:12:DG:N2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:12:DG:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:12:DG:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:12:DG:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:12:DG:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:12:DG:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:12:DG:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:12:DG:O6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:12:DG:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:12:DG:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:12:DG:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:13:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:13:DT:C2	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CA	2:X:13:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:13:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:13:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:13:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:13:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:13:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:13:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:13:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:13:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:13:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:13:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:13:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:13:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:13:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:13:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:13:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:13:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:13:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:13:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:13:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:13:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:13:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:13:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:13:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:13:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:13:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:13:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:13:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:13:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	2:X:13:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:3:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:3:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:3:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:3:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:3:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:3:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:3:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:3:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:3:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:3:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:3:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:3:DA:H2	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CA	3:Y:3:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:3:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:3:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:3:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:3:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:3:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:3:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:3:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:3:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:3:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:3:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:3:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:3:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:3:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:3:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:3:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:3:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:3:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:3:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:3:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:4:DC:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:4:DC:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:4:DC:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:4:DC:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:4:DC:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:4:DC:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:4:DC:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:4:DC:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:4:DC:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:4:DC:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:4:DC:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:4:DC:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:4:DC:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:4:DC:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:4:DC:H41	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:4:DC:H42	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:4:DC:H5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:4:DC:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:4:DC:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:4:DC:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:4:DC:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:4:DC:N3	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CA	3:Y:4:DC:N4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:4:DC:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:4:DC:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:4:DC:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:4:DC:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:4:DC:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:4:DC:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:4:DC:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:5:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:5:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:5:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:5:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:5:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:5:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:5:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:5:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:5:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:5:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:5:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:5:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:5:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:5:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:5:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:5:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:5:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:5:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:5:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:5:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:5:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:5:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:5:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:5:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:5:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:5:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:5:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:5:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:5:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:5:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:5:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:5:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:6:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:6:DA:C2	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CA	3:Y:6:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:6:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:6:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:6:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:6:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:6:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:6:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:6:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:6:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:6:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:6:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:6:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:6:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:6:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:6:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:6:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:6:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:6:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:6:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:6:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:6:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:6:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:6:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:6:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:6:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:6:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:6:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:6:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:6:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:6:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:7:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:7:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:7:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:7:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:7:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:7:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:7:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:7:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:7:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:7:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:7:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:7:DT:H2'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CA	3:Y:7:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:7:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:7:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:7:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:7:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:7:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:7:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:7:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:7:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:7:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:7:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:7:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:7:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:7:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:7:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:7:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:7:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:7:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:7:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:7:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:8:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:8:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:8:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:8:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:8:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:8:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:8:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:8:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:8:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:8:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:8:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:8:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:8:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:8:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:8:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:8:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:8:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:8:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:8:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:8:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:8:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:8:DA:N1	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CA	3:Y:8:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:8:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:8:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:8:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:8:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:8:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:8:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:8:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:8:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:8:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:9:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:9:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:9:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:9:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:9:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:9:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:9:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:9:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:9:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:9:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:9:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:9:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:9:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:9:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:9:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:9:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:9:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:9:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:9:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:9:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:9:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:9:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:9:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:9:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:9:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:9:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:9:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:9:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:9:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:9:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:9:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:9:DT:P	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CA	3:Y:10:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:10:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:10:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:10:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:10:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:10:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:10:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:10:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:10:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:10:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:10:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:10:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:10:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:10:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:10:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:10:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:10:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:10:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:10:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:10:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:10:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:10:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:10:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:10:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:10:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:10:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:10:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:10:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:10:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:10:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:10:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:10:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:11:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:11:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:11:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:11:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:11:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:11:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:11:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:11:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:11:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:11:DT:C7	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CA	3:Y:11:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:11:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:11:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:11:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:11:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:11:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:11:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:11:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:11:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:11:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:11:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:11:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:11:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:11:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:11:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:11:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:11:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:11:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:11:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:11:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:11:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:11:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:12:DC:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:12:DC:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:12:DC:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:12:DC:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:12:DC:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:12:DC:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:12:DC:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:12:DC:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:12:DC:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:12:DC:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:12:DC:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:12:DC:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:12:DC:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:12:DC:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:12:DC:H41	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:12:DC:H42	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:12:DC:H5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:12:DC:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:12:DC:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:12:DC:H6	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CA	3:Y:12:DC:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:12:DC:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:12:DC:N4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:12:DC:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:12:DC:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:12:DC:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:12:DC:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:12:DC:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:12:DC:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:12:DC:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:13:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:13:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:13:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:13:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:13:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:13:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:13:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:13:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:13:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:13:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:13:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:13:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:13:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:13:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:13:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:13:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:13:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:13:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:13:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:13:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:13:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:13:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:13:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:13:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:13:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:13:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:13:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:13:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:13:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:13:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:13:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CA	3:Y:13:DA:P	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CB	2:X:3:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:3:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:3:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:3:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:3:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:3:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:3:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:3:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:3:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:3:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:3:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:3:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:3:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:3:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:3:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:3:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:3:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:3:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:3:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:3:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:3:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:3:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:3:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:3:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:3:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:3:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:3:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:3:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:3:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:3:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:3:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:3:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:4:DG:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:4:DG:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:4:DG:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:4:DG:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:4:DG:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:4:DG:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:4:DG:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:4:DG:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:4:DG:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:4:DG:C8	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CB	2:X:4:DG:H1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:4:DG:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:4:DG:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:4:DG:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:4:DG:H21	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:4:DG:H22	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:4:DG:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:4:DG:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:4:DG:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:4:DG:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:4:DG:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:4:DG:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:4:DG:N2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:4:DG:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:4:DG:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:4:DG:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:4:DG:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:4:DG:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:4:DG:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:4:DG:O6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:4:DG:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:4:DG:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:4:DG:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:5:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:5:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:5:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:5:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:5:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:5:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:5:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:5:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:5:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:5:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:5:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:5:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:5:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:5:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:5:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:5:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:5:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:5:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:5:DA:H61	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CB	2:X:5:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:5:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:5:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:5:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:5:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:5:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:5:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:5:DA:O3 ⁷	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:5:DA:O4 ⁷	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:5:DA:O5 ⁷	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:5:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:5:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:5:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:6:DT:C1 ⁷	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:6:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:6:DT:C2 ⁷	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:6:DT:C3 ⁷	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:6:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:6:DT:C4 ⁷	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:6:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:6:DT:C5 ⁷	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:6:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:6:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:6:DT:H1 ⁷	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:6:DT:H2 ⁷	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:6:DT:H2 ⁷	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:6:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:6:DT:H3 ⁷	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:6:DT:H4 ⁷	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:6:DT:H5 ⁷	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:6:DT:H5 ⁷	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:6:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:6:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:6:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:6:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:6:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:6:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:6:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:6:DT:O3 ⁷	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:6:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:6:DT:O4 ⁷	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:6:DT:O5 ⁷	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CB	2:X:6:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:6:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:6:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:7:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:7:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:7:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:7:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:7:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:7:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:7:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:7:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:7:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:7:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:7:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:7:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:7:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:7:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:7:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:7:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:7:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:7:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:7:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:7:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:7:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:7:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:7:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:7:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:7:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:7:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:7:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:7:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:7:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:7:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:7:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:7:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:8:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:8:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:8:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:8:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:8:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:8:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:8:DT:C5	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CB	2:X:8:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:8:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:8:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:8:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:8:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:8:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:8:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:8:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:8:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:8:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:8:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:8:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:8:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:8:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:8:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:8:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:8:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:8:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:8:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:8:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:8:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:8:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:8:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:8:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:8:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:9:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:9:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:9:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:9:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:9:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:9:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:9:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:9:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:9:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:9:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:9:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:9:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:9:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:9:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:9:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:9:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:9:DA:H5'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CB	2:X:9:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:9:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:9:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:9:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:9:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:9:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:9:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:9:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:9:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:9:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:9:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:9:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:9:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:9:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:9:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:10:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:10:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:10:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:10:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:10:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:10:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:10:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:10:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:10:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:10:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:10:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:10:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:10:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:10:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:10:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:10:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:10:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:10:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:10:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:10:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:10:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:10:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:10:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:10:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:10:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:10:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:10:DT:O4	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CB	2:X:10:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:10:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:10:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:10:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:10:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:11:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:11:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:11:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:11:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:11:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:11:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:11:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:11:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:11:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:11:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:11:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:11:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:11:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:11:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:11:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:11:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:11:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:11:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:11:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:11:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:11:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:11:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:11:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:11:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:11:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:11:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:11:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:11:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:11:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:11:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:11:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:11:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:12:DG:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:12:DG:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:12:DG:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:12:DG:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:12:DG:C4	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CB	2:X:12:DG:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:12:DG:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:12:DG:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:12:DG:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:12:DG:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:12:DG:H1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:12:DG:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:12:DG:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:12:DG:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:12:DG:H21	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:12:DG:H22	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:12:DG:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:12:DG:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:12:DG:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:12:DG:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:12:DG:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:12:DG:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:12:DG:N2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:12:DG:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:12:DG:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:12:DG:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:12:DG:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:12:DG:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:12:DG:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:12:DG:O6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:12:DG:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:12:DG:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:12:DG:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:13:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:13:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:13:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:13:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:13:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:13:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:13:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:13:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:13:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:13:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:13:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:13:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:13:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:13:DT:H3	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CB	2:X:13:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:13:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:13:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:13:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:13:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:13:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:13:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:13:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:13:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:13:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:13:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:13:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:13:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:13:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:13:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:13:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:13:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	2:X:13:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:3:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:3:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:3:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:3:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:3:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:3:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:3:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:3:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:3:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:3:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:3:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:3:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:3:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:3:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:3:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:3:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:3:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:3:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:3:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:3:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:3:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:3:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:3:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:3:DA:N6	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CB	3:Y:3:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:3:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:3:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:3:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:3:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:3:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:3:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:3:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:4:DC:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:4:DC:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:4:DC:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:4:DC:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:4:DC:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:4:DC:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:4:DC:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:4:DC:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:4:DC:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:4:DC:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:4:DC:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:4:DC:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:4:DC:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:4:DC:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:4:DC:H41	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:4:DC:H42	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:4:DC:H5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:4:DC:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:4:DC:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:4:DC:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:4:DC:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:4:DC:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:4:DC:N4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:4:DC:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:4:DC:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:4:DC:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:4:DC:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:4:DC:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:4:DC:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:4:DC:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:5:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:5:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:5:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:5:DT:C3'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CB	3:Y:5:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:5:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:5:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:5:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:5:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:5:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:5:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:5:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:5:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:5:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:5:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:5:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:5:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:5:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:5:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:5:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:5:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:5:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:5:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:5:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:5:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:5:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:5:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:5:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:5:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:5:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:5:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:5:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:6:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:6:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:6:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:6:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:6:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:6:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:6:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:6:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:6:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:6:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:6:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:6:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:6:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:6:DA:H2''	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CB	3:Y:6:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:6:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:6:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:6:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:6:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:6:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:6:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:6:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:6:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:6:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:6:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:6:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:6:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:6:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:6:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:6:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:6:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:6:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:7:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:7:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:7:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:7:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:7:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:7:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:7:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:7:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:7:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:7:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:7:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:7:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:7:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:7:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:7:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:7:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:7:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:7:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:7:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:7:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:7:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:7:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:7:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:7:DT:N3	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CB	3:Y:7:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:7:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:7:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:7:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:7:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:7:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:7:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:7:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:8:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:8:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:8:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:8:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:8:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:8:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:8:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:8:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:8:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:8:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:8:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:8:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:8:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:8:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:8:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:8:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:8:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:8:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:8:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:8:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:8:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:8:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:8:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:8:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:8:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:8:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:8:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:8:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:8:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:8:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:8:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:8:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:9:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:9:DT:C2	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CB	3:Y:9:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:9:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:9:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:9:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:9:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:9:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:9:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:9:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:9:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:9:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:9:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:9:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:9:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:9:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:9:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:9:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:9:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:9:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:9:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:9:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:9:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:9:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:9:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:9:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:9:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:9:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:9:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:9:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:9:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:9:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:10:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:10:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:10:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:10:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:10:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:10:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:10:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:10:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:10:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:10:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:10:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:10:DA:H2	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CB	3:Y:10:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:10:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:10:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:10:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:10:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:10:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:10:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:10:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:10:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:10:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:10:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:10:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:10:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:10:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:10:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:10:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:10:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:10:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:10:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:10:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:11:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:11:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:11:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:11:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:11:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:11:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:11:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:11:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:11:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:11:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:11:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:11:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:11:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:11:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:11:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:11:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:11:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:11:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:11:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:11:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:11:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:11:DT:H73	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CB	3:Y:11:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:11:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:11:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:11:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:11:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:11:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:11:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:11:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:11:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:11:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:12:DC:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:12:DC:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:12:DC:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:12:DC:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:12:DC:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:12:DC:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:12:DC:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:12:DC:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:12:DC:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:12:DC:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:12:DC:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:12:DC:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:12:DC:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:12:DC:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:12:DC:H41	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:12:DC:H42	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:12:DC:H5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:12:DC:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:12:DC:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:12:DC:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:12:DC:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:12:DC:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:12:DC:N4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:12:DC:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:12:DC:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:12:DC:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:12:DC:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:12:DC:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:12:DC:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:12:DC:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:13:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:13:DA:C2	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CB	3:Y:13:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:13:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:13:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:13:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:13:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:13:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:13:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:13:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:13:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:13:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:13:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:13:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:13:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:13:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:13:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:13:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:13:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:13:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:13:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:13:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:13:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:13:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:13:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:13:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:13:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:13:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:13:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:13:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:13:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CB	3:Y:13:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:3:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:3:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:3:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:3:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:3:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:3:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:3:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:3:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:3:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:3:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:3:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:3:DT:H2'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CD	2:X:3:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:3:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:3:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:3:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:3:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:3:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:3:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:3:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:3:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:3:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:3:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:3:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:3:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:3:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:3:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:3:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:3:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:3:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:3:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:3:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:4:DG:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:4:DG:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:4:DG:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:4:DG:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:4:DG:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:4:DG:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:4:DG:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:4:DG:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:4:DG:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:4:DG:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:4:DG:H1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:4:DG:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:4:DG:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:4:DG:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:4:DG:H21	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:4:DG:H22	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:4:DG:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:4:DG:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:4:DG:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:4:DG:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:4:DG:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:4:DG:N1	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CD	2:X:4:DG:N2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:4:DG:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:4:DG:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:4:DG:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:4:DG:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:4:DG:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:4:DG:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:4:DG:O6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:4:DG:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:4:DG:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:4:DG:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:5:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:5:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:5:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:5:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:5:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:5:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:5:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:5:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:5:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:5:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:5:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:5:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:5:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:5:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:5:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:5:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:5:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:5:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:5:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:5:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:5:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:5:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:5:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:5:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:5:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:5:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:5:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:5:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:5:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:5:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:5:DA:OP2	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CD	2:X:5:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:6:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:6:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:6:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:6:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:6:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:6:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:6:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:6:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:6:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:6:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:6:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:6:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:6:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:6:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:6:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:6:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:6:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:6:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:6:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:6:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:6:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:6:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:6:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:6:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:6:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:6:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:6:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:6:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:6:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:6:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:6:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:6:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:7:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:7:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:7:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:7:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:7:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:7:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:7:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:7:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:7:DA:C6	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CD	2:X:7:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:7:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:7:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:7:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:7:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:7:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:7:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:7:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:7:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:7:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:7:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:7:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:7:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:7:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:7:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:7:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:7:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:7:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:7:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:7:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:7:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:7:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:7:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:8:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:8:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:8:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:8:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:8:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:8:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:8:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:8:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:8:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:8:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:8:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:8:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:8:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:8:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:8:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:8:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:8:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:8:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:8:DT:H6	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CD	2:X:8:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:8:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:8:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:8:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:8:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:8:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:8:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:8:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:8:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:8:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:8:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:8:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:8:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:9:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:9:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:9:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:9:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:9:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:9:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:9:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:9:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:9:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:9:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:9:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:9:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:9:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:9:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:9:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:9:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:9:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:9:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:9:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:9:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:9:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:9:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:9:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:9:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:9:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:9:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:9:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:9:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:9:DA:O5'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CD	2:X:9:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:9:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:9:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:10:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:10:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:10:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:10:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:10:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:10:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:10:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:10:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:10:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:10:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:10:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:10:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:10:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:10:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:10:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:10:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:10:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:10:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:10:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:10:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:10:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:10:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:10:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:10:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:10:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:10:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:10:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:10:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:10:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:10:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:10:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:10:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:11:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:11:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:11:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:11:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:11:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:11:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:11:DA:C5	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CD	2:X:11:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:11:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:11:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:11:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:11:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:11:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:11:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:11:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:11:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:11:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:11:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:11:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:11:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:11:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:11:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:11:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:11:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:11:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:11:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:11:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:11:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:11:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:11:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:11:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:11:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:12:DG:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:12:DG:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:12:DG:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:12:DG:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:12:DG:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:12:DG:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:12:DG:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:12:DG:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:12:DG:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:12:DG:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:12:DG:H1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:12:DG:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:12:DG:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:12:DG:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:12:DG:H21	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:12:DG:H22	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:12:DG:H3'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CD	2:X:12:DG:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:12:DG:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:12:DG:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:12:DG:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:12:DG:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:12:DG:N2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:12:DG:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:12:DG:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:12:DG:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:12:DG:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:12:DG:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:12:DG:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:12:DG:O6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:12:DG:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:12:DG:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:12:DG:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:13:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:13:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:13:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:13:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:13:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:13:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:13:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:13:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:13:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:13:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:13:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:13:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:13:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:13:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:13:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:13:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:13:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:13:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:13:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:13:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:13:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:13:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:13:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:13:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:13:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:13:DT:O3'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CD	2:X:13:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:13:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:13:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:13:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:13:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	2:X:13:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:3:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:3:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:3:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:3:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:3:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:3:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:3:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:3:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:3:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:3:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:3:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:3:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:3:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:3:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:3:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:3:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:3:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:3:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:3:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:3:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:3:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:3:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:3:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:3:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:3:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:3:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:3:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:3:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:3:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:3:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:3:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:3:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:4:DC:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:4:DC:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:4:DC:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:4:DC:C3'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CD	3:Y:4:DC:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:4:DC:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:4:DC:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:4:DC:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:4:DC:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:4:DC:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:4:DC:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:4:DC:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:4:DC:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:4:DC:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:4:DC:H41	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:4:DC:H42	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:4:DC:H5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:4:DC:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:4:DC:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:4:DC:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:4:DC:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:4:DC:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:4:DC:N4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:4:DC:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:4:DC:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:4:DC:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:4:DC:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:4:DC:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:4:DC:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:4:DC:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:5:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:5:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:5:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:5:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:5:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:5:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:5:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:5:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:5:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:5:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:5:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:5:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:5:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:5:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:5:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:5:DT:H4'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CD	3:Y:5:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:5:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:5:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:5:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:5:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:5:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:5:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:5:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:5:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:5:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:5:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:5:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:5:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:5:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:5:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:5:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:6:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:6:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:6:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:6:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:6:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:6:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:6:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:6:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:6:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:6:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:6:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:6:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:6:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:6:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:6:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:6:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:6:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:6:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:6:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:6:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:6:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:6:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:6:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:6:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:6:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:6:DA:N9	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CD	3:Y:6:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:6:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:6:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:6:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:6:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:6:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:7:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:7:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:7:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:7:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:7:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:7:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:7:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:7:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:7:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:7:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:7:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:7:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:7:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:7:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:7:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:7:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:7:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:7:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:7:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:7:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:7:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:7:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:7:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:7:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:7:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:7:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:7:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:7:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:7:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:7:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:7:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:7:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:8:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:8:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:8:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:8:DA:C3'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CD	3:Y:8:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:8:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:8:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:8:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:8:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:8:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:8:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:8:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:8:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:8:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:8:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:8:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:8:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:8:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:8:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:8:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:8:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:8:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:8:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:8:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:8:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:8:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:8:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:8:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:8:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:8:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:8:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:8:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:9:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:9:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:9:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:9:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:9:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:9:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:9:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:9:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:9:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:9:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:9:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:9:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:9:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:9:DT:H3	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CD	3:Y:9:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:9:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:9:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:9:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:9:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:9:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:9:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:9:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:9:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:9:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:9:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:9:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:9:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:9:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:9:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:9:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:9:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:9:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:10:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:10:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:10:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:10:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:10:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:10:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:10:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:10:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:10:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:10:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:10:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:10:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:10:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:10:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:10:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:10:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:10:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:10:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:10:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:10:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:10:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:10:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:10:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:10:DA:N6	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CD	3:Y:10:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:10:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:10:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:10:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:10:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:10:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:10:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:10:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:11:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:11:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:11:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:11:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:11:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:11:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:11:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:11:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:11:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:11:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:11:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:11:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:11:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:11:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:11:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:11:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:11:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:11:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:11:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:11:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:11:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:11:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:11:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:11:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:11:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:11:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:11:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:11:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:11:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:11:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:11:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:11:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:12:DC:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:12:DC:C2	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CD	3:Y:12:DC:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:12:DC:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:12:DC:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:12:DC:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:12:DC:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:12:DC:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:12:DC:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:12:DC:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:12:DC:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:12:DC:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:12:DC:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:12:DC:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:12:DC:H41	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:12:DC:H42	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:12:DC:H5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:12:DC:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:12:DC:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:12:DC:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:12:DC:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:12:DC:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:12:DC:N4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:12:DC:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:12:DC:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:12:DC:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:12:DC:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:12:DC:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:12:DC:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:12:DC:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:13:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:13:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:13:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:13:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:13:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:13:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:13:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:13:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:13:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:13:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:13:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:13:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:13:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:13:DA:H2''	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CD	3:Y:13:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:13:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:13:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:13:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:13:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:13:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:13:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:13:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:13:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:13:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:13:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:13:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:13:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:13:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:13:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:13:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:13:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CD	3:Y:13:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:3:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:3:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:3:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:3:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:3:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:3:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:3:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:3:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:3:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:3:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:3:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:3:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:3:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:3:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:3:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:3:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:3:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:3:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:3:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:3:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:3:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:3:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:3:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:3:DT:N3	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CG	2:X:3:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:3:DT:O3 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:3:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:3:DT:O4 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:3:DT:O5 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:3:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:3:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:3:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:4:DG:C1 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:4:DG:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:4:DG:C2 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:4:DG:C3 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:4:DG:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:4:DG:C4 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:4:DG:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:4:DG:C5 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:4:DG:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:4:DG:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:4:DG:H1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:4:DG:H1 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:4:DG:H2 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:4:DG:H2 ^{??}	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:4:DG:H21	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:4:DG:H22	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:4:DG:H3 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:4:DG:H4 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:4:DG:H5 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:4:DG:H5 ^{??}	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:4:DG:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:4:DG:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:4:DG:N2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:4:DG:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:4:DG:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:4:DG:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:4:DG:O3 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:4:DG:O4 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:4:DG:O5 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:4:DG:O6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:4:DG:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:4:DG:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:4:DG:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:5:DA:C1 [?]	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CG	2:X:5:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:5:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:5:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:5:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:5:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:5:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:5:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:5:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:5:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:5:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:5:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:5:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:5:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:5:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:5:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:5:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:5:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:5:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:5:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:5:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:5:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:5:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:5:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:5:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:5:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:5:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:5:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:5:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:5:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:5:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:5:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:6:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:6:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:6:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:6:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:6:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:6:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:6:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:6:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:6:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:6:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:6:DT:H1'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CG	2:X:6:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:6:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:6:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:6:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:6:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:6:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:6:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:6:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:6:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:6:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:6:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:6:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:6:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:6:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:6:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:6:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:6:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:6:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:6:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:6:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:6:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:7:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:7:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:7:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:7:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:7:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:7:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:7:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:7:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:7:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:7:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:7:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:7:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:7:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:7:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:7:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:7:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:7:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:7:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:7:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:7:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:7:DA:H8	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CG	2:X:7:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:7:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:7:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:7:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:7:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:7:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:7:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:7:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:7:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:7:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:7:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:8:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:8:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:8:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:8:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:8:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:8:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:8:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:8:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:8:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:8:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:8:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:8:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:8:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:8:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:8:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:8:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:8:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:8:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:8:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:8:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:8:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:8:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:8:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:8:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:8:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:8:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:8:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:8:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:8:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:8:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:8:DT:OP2	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CG	2:X:8:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:9:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:9:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:9:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:9:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:9:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:9:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:9:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:9:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:9:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:9:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:9:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:9:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:9:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:9:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:9:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:9:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:9:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:9:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:9:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:9:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:9:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:9:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:9:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:9:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:9:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:9:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:9:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:9:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:9:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:9:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:9:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:9:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:10:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:10:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:10:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:10:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:10:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:10:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:10:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:10:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:10:DT:C6	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CG	2:X:10:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:10:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:10:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:10:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:10:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:10:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:10:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:10:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:10:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:10:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:10:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:10:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:10:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:10:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:10:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:10:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:10:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:10:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:10:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:10:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:10:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:10:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:10:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:11:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:11:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:11:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:11:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:11:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:11:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:11:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:11:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:11:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:11:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:11:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:11:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:11:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:11:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:11:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:11:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:11:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:11:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:11:DA:H61	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CG	2:X:11:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:11:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:11:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:11:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:11:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:11:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:11:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:11:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:11:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:11:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:11:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:11:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:11:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:12:DG:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:12:DG:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:12:DG:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:12:DG:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:12:DG:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:12:DG:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:12:DG:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:12:DG:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:12:DG:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:12:DG:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:12:DG:H1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:12:DG:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:12:DG:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:12:DG:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:12:DG:H21	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:12:DG:H22	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:12:DG:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:12:DG:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:12:DG:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:12:DG:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:12:DG:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:12:DG:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:12:DG:N2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:12:DG:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:12:DG:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:12:DG:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:12:DG:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:12:DG:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:12:DG:O5'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CG	2:X:12:DG:O6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:12:DG:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:12:DG:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:12:DG:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:13:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:13:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:13:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:13:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:13:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:13:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:13:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:13:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:13:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:13:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:13:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:13:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:13:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:13:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:13:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:13:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:13:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:13:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:13:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:13:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:13:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:13:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:13:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:13:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:13:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:13:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:13:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:13:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:13:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:13:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:13:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	2:X:13:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:3:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:3:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:3:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:3:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:3:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:3:DA:C4'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CG	3:Y:3:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:3:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:3:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:3:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:3:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:3:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:3:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:3:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:3:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:3:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:3:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:3:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:3:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:3:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:3:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:3:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:3:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:3:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:3:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:3:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:3:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:3:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:3:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:3:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:3:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:3:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:4:DC:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:4:DC:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:4:DC:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:4:DC:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:4:DC:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:4:DC:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:4:DC:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:4:DC:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:4:DC:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:4:DC:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:4:DC:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:4:DC:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:4:DC:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:4:DC:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:4:DC:H41	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:4:DC:H42	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CG	3:Y:4:DC:H5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:4:DC:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:4:DC:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:4:DC:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:4:DC:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:4:DC:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:4:DC:N4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:4:DC:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:4:DC:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:4:DC:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:4:DC:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:4:DC:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:4:DC:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:4:DC:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:5:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:5:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:5:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:5:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:5:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:5:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:5:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:5:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:5:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:5:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:5:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:5:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:5:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:5:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:5:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:5:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:5:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:5:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:5:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:5:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:5:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:5:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:5:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:5:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:5:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:5:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:5:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:5:DT:O4'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CG	3:Y:5:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:5:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:5:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:5:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:6:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:6:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:6:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:6:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:6:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:6:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:6:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:6:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:6:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:6:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:6:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:6:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:6:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:6:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:6:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:6:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:6:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:6:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:6:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:6:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:6:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:6:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:6:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:6:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:6:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:6:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:6:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:6:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:6:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:6:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:6:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:6:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:7:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:7:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:7:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:7:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:7:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:7:DT:C4'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CG	3:Y:7:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:7:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:7:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:7:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:7:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:7:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:7:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:7:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:7:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:7:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:7:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:7:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:7:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:7:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:7:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:7:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:7:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:7:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:7:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:7:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:7:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:7:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:7:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:7:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:7:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:7:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:8:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:8:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:8:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:8:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:8:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:8:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:8:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:8:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:8:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:8:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:8:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:8:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:8:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:8:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:8:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:8:DA:H4'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CG	3:Y:8:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:8:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:8:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:8:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:8:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:8:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:8:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:8:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:8:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:8:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:8:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:8:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:8:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:8:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:8:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:8:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:9:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:9:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:9:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:9:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:9:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:9:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:9:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:9:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:9:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:9:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:9:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:9:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:9:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:9:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:9:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:9:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:9:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:9:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:9:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:9:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:9:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:9:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:9:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:9:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:9:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:9:DT:O3'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CG	3:Y:9:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:9:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:9:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:9:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:9:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:9:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:10:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:10:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:10:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:10:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:10:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:10:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:10:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:10:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:10:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:10:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:10:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:10:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:10:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:10:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:10:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:10:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:10:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:10:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:10:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:10:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:10:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:10:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:10:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:10:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:10:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:10:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:10:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:10:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:10:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:10:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:10:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:10:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:11:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:11:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:11:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:11:DT:C3'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CG	3:Y:11:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:11:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:11:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:11:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:11:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:11:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:11:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:11:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:11:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:11:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:11:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:11:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:11:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:11:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:11:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:11:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:11:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:11:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:11:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:11:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:11:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:11:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:11:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:11:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:11:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:11:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:11:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:11:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:12:DC:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:12:DC:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:12:DC:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:12:DC:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:12:DC:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:12:DC:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:12:DC:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:12:DC:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:12:DC:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:12:DC:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:12:DC:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:12:DC:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:12:DC:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:12:DC:H4'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CG	3:Y:12:DC:H41	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:12:DC:H42	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:12:DC:H5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:12:DC:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:12:DC:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:12:DC:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:12:DC:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:12:DC:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:12:DC:N4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:12:DC:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:12:DC:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:12:DC:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:12:DC:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:12:DC:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:12:DC:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:12:DC:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:13:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:13:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:13:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:13:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:13:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:13:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:13:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:13:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:13:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:13:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:13:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:13:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:13:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:13:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:13:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:13:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:13:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:13:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:13:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:13:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:13:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:13:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:13:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:13:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:13:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:13:DA:N9	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CG	3:Y:13:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:13:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:13:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:13:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:13:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CG	3:Y:13:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:3:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:3:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:3:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:3:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:3:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:3:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:3:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:3:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:3:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:3:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:3:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:3:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:3:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:3:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:3:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:3:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:3:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:3:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:3:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:3:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:3:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:3:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:3:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:3:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:3:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:3:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:3:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:3:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:3:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:3:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:3:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:3:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:4:DG:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:4:DG:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:4:DG:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:4:DG:C3'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CZ	2:X:4:DG:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:4:DG:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:4:DG:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:4:DG:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:4:DG:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:4:DG:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:4:DG:H1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:4:DG:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:4:DG:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:4:DG:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:4:DG:H21	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:4:DG:H22	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:4:DG:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:4:DG:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:4:DG:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:4:DG:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:4:DG:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:4:DG:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:4:DG:N2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:4:DG:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:4:DG:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:4:DG:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:4:DG:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:4:DG:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:4:DG:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:4:DG:O6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:4:DG:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:4:DG:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:4:DG:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:5:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:5:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:5:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:5:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:5:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:5:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:5:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:5:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:5:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:5:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:5:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:5:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:5:DA:H2'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CZ	2:X:5:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:5:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:5:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:5:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:5:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:5:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:5:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:5:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:5:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:5:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:5:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:5:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:5:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:5:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:5:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:5:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:5:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:5:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:5:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:6:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:6:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:6:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:6:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:6:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:6:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:6:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:6:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:6:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:6:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:6:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:6:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:6:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:6:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:6:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:6:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:6:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:6:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:6:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:6:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:6:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:6:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:6:DT:N1	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CZ	2:X:6:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:6:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:6:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:6:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:6:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:6:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:6:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:6:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:6:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:7:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:7:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:7:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:7:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:7:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:7:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:7:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:7:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:7:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:7:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:7:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:7:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:7:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:7:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:7:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:7:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:7:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:7:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:7:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:7:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:7:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:7:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:7:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:7:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:7:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:7:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:7:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:7:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:7:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:7:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:7:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:7:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:8:DT:C1'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CZ	2:X:8:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:8:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:8:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:8:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:8:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:8:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:8:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:8:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:8:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:8:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:8:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:8:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:8:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:8:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:8:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:8:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:8:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:8:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:8:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:8:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:8:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:8:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:8:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:8:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:8:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:8:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:8:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:8:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:8:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:8:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:8:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:9:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:9:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:9:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:9:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:9:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:9:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:9:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:9:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:9:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:9:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:9:DA:H1'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CZ	2:X:9:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:9:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:9:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:9:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:9:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:9:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:9:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:9:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:9:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:9:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:9:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:9:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:9:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:9:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:9:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:9:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:9:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:9:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:9:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:9:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:9:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:10:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:10:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:10:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:10:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:10:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:10:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:10:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:10:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:10:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:10:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:10:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:10:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:10:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:10:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:10:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:10:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:10:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:10:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:10:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:10:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:10:DT:H72	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CZ	2:X:10:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:10:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:10:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:10:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:10:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:10:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:10:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:10:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:10:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:10:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:10:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:11:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:11:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:11:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:11:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:11:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:11:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:11:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:11:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:11:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:11:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:11:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:11:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:11:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:11:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:11:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:11:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:11:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:11:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:11:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:11:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:11:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:11:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:11:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:11:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:11:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:11:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:11:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:11:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:11:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:11:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:11:DA:OP2	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CZ	2:X:11:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:12:DG:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:12:DG:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:12:DG:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:12:DG:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:12:DG:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:12:DG:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:12:DG:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:12:DG:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:12:DG:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:12:DG:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:12:DG:H1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:12:DG:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:12:DG:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:12:DG:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:12:DG:H21	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:12:DG:H22	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:12:DG:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:12:DG:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:12:DG:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:12:DG:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:12:DG:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:12:DG:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:12:DG:N2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:12:DG:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:12:DG:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:12:DG:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:12:DG:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:12:DG:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:12:DG:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:12:DG:O6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:12:DG:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:12:DG:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:12:DG:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:13:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:13:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:13:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:13:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:13:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:13:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:13:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:13:DT:C5'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CZ	2:X:13:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:13:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:13:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:13:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:13:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:13:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:13:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:13:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:13:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:13:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:13:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:13:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:13:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:13:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:13:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:13:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:13:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:13:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:13:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:13:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:13:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:13:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:13:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	2:X:13:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:3:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:3:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:3:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:3:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:3:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:3:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:3:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:3:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:3:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:3:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:3:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:3:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:3:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:3:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:3:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:3:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:3:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:3:DA:H5''	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CZ	3:Y:3:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:3:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:3:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:3:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:3:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:3:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:3:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:3:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:3:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:3:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:3:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:3:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:3:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:3:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:4:DC:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:4:DC:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:4:DC:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:4:DC:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:4:DC:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:4:DC:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:4:DC:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:4:DC:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:4:DC:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:4:DC:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:4:DC:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:4:DC:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:4:DC:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:4:DC:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:4:DC:H41	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:4:DC:H42	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:4:DC:H5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:4:DC:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:4:DC:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:4:DC:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:4:DC:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:4:DC:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:4:DC:N4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:4:DC:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:4:DC:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:4:DC:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:4:DC:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:4:DC:OP1	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CZ	3:Y:4:DC:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:4:DC:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:5:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:5:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:5:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:5:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:5:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:5:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:5:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:5:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:5:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:5:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:5:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:5:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:5:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:5:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:5:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:5:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:5:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:5:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:5:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:5:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:5:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:5:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:5:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:5:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:5:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:5:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:5:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:5:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:5:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:5:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:5:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:5:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:6:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:6:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:6:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:6:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:6:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:6:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:6:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:6:DA:C5'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CZ	3:Y:6:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:6:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:6:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:6:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:6:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:6:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:6:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:6:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:6:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:6:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:6:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:6:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:6:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:6:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:6:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:6:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:6:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:6:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:6:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:6:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:6:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:6:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:6:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:6:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:7:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:7:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:7:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:7:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:7:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:7:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:7:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:7:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:7:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:7:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:7:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:7:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:7:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:7:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:7:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:7:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:7:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:7:DT:H5''	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CZ	3:Y:7:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:7:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:7:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:7:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:7:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:7:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:7:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:7:DT:O3 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:7:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:7:DT:O4 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:7:DT:O5 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:7:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:7:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:7:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:8:DA:C1 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:8:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:8:DA:C2 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:8:DA:C3 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:8:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:8:DA:C4 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:8:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:8:DA:C5 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:8:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:8:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:8:DA:H1 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:8:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:8:DA:H2 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:8:DA:H2 ^{??}	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:8:DA:H3 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:8:DA:H4 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:8:DA:H5 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:8:DA:H5 ^{??}	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:8:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:8:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:8:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:8:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:8:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:8:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:8:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:8:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:8:DA:O3 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:8:DA:O4 [?]	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CZ	3:Y:8:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:8:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:8:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:8:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:9:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:9:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:9:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:9:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:9:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:9:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:9:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:9:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:9:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:9:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:9:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:9:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:9:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:9:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:9:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:9:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:9:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:9:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:9:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:9:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:9:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:9:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:9:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:9:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:9:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:9:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:9:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:9:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:9:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:9:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:9:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:9:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:10:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:10:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:10:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:10:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:10:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:10:DA:C4'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CZ	3:Y:10:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:10:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:10:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:10:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:10:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:10:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:10:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:10:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:10:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:10:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:10:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:10:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:10:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:10:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:10:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:10:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:10:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:10:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:10:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:10:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:10:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:10:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:10:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:10:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:10:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:10:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:11:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:11:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:11:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:11:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:11:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:11:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:11:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:11:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:11:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:11:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:11:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:11:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:11:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:11:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:11:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:11:DT:H4'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CZ	3:Y:11:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:11:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:11:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:11:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:11:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:11:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:11:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:11:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:11:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:11:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:11:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:11:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:11:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:11:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:11:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:11:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:12:DC:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:12:DC:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:12:DC:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:12:DC:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:12:DC:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:12:DC:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:12:DC:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:12:DC:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:12:DC:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:12:DC:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:12:DC:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:12:DC:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:12:DC:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:12:DC:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:12:DC:H41	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:12:DC:H42	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:12:DC:H5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:12:DC:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:12:DC:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:12:DC:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:12:DC:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:12:DC:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:12:DC:N4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:12:DC:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:12:DC:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:12:DC:O4'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:CZ	3:Y:12:DC:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:12:DC:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:12:DC:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:12:DC:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:13:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:13:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:13:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:13:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:13:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:13:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:13:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:13:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:13:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:13:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:13:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:13:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:13:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:13:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:13:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:13:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:13:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:13:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:13:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:13:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:13:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:13:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:13:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:13:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:13:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:13:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:13:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:13:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:13:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:13:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:13:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:CZ	3:Y:13:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:3:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:3:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:3:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:3:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:3:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:3:DT:C4'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:H	2:X:3:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:3:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:3:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:3:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:3:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:3:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:3:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:3:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:3:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:3:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:3:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:3:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:3:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:3:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:3:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:3:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:3:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:3:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:3:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:3:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:3:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:3:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:3:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:3:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:3:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:3:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:4:DG:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:4:DG:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:4:DG:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:4:DG:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:4:DG:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:4:DG:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:4:DG:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:4:DG:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:4:DG:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:4:DG:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:4:DG:H1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:4:DG:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:4:DG:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:4:DG:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:4:DG:H21	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:4:DG:H22	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:H	2:X:4:DG:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:4:DG:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:4:DG:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:4:DG:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:4:DG:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:4:DG:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:4:DG:N2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:4:DG:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:4:DG:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:4:DG:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:4:DG:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:4:DG:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:4:DG:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:4:DG:O6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:4:DG:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:4:DG:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:4:DG:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:5:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:5:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:5:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:5:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:5:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:5:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:5:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:5:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:5:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:5:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:5:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:5:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:5:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:5:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:5:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:5:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:5:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:5:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:5:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:5:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:5:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:5:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:5:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:5:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:5:DA:N7	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:H	2:X:5:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:5:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:5:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:5:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:5:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:5:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:5:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:6:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:6:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:6:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:6:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:6:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:6:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:6:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:6:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:6:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:6:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:6:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:6:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:6:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:6:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:6:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:6:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:6:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:6:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:6:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:6:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:6:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:6:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:6:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:6:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:6:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:6:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:6:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:6:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:6:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:6:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:6:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:6:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:7:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:7:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:7:DA:C2'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:H	2:X:7:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:7:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:7:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:7:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:7:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:7:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:7:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:7:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:7:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:7:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:7:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:7:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:7:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:7:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:7:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:7:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:7:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:7:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:7:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:7:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:7:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:7:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:7:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:7:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:7:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:7:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:7:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:7:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:7:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:8:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:8:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:8:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:8:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:8:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:8:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:8:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:8:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:8:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:8:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:8:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:8:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:8:DT:H2''	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:H	2:X:8:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:8:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:8:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:8:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:8:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:8:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:8:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:8:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:8:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:8:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:8:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:8:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:8:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:8:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:8:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:8:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:8:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:8:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:8:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:9:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:9:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:9:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:9:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:9:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:9:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:9:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:9:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:9:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:9:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:9:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:9:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:9:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:9:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:9:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:9:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:9:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:9:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:9:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:9:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:9:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:9:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:9:DA:N3	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:H	2:X:9:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:9:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:9:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:9:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:9:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:9:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:9:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:9:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:9:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:10:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:10:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:10:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:10:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:10:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:10:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:10:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:10:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:10:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:10:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:10:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:10:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:10:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:10:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:10:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:10:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:10:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:10:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:10:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:10:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:10:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:10:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:10:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:10:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:10:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:10:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:10:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:10:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:10:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:10:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:10:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:10:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:11:DA:C1'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:H	2:X:11:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:11:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:11:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:11:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:11:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:11:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:11:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:11:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:11:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:11:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:11:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:11:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:11:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:11:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:11:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:11:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:11:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:11:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:11:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:11:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:11:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:11:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:11:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:11:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:11:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:11:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:11:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:11:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:11:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:11:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:11:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:12:DG:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:12:DG:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:12:DG:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:12:DG:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:12:DG:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:12:DG:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:12:DG:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:12:DG:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:12:DG:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:12:DG:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:12:DG:H1	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:H	2:X:12:DG:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:12:DG:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:12:DG:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:12:DG:H21	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:12:DG:H22	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:12:DG:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:12:DG:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:12:DG:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:12:DG:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:12:DG:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:12:DG:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:12:DG:N2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:12:DG:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:12:DG:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:12:DG:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:12:DG:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:12:DG:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:12:DG:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:12:DG:O6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:12:DG:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:12:DG:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:12:DG:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:13:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:13:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:13:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:13:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:13:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:13:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:13:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:13:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:13:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:13:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:13:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:13:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:13:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:13:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:13:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:13:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:13:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:13:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:13:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:13:DT:H71	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:H	2:X:13:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:13:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:13:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:13:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:13:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:13:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:13:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:13:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:13:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:13:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:13:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	2:X:13:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:3:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:3:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:3:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:3:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:3:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:3:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:3:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:3:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:3:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:3:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:3:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:3:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:3:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:3:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:3:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:3:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:3:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:3:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:3:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:3:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:3:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:3:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:3:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:3:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:3:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:3:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:3:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:3:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:3:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:3:DA:OP1	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:H	3:Y:3:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:3:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:4:DC:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:4:DC:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:4:DC:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:4:DC:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:4:DC:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:4:DC:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:4:DC:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:4:DC:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:4:DC:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:4:DC:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:4:DC:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:4:DC:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:4:DC:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:4:DC:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:4:DC:H41	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:4:DC:H42	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:4:DC:H5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:4:DC:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:4:DC:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:4:DC:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:4:DC:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:4:DC:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:4:DC:N4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:4:DC:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:4:DC:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:4:DC:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:4:DC:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:4:DC:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:4:DC:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:4:DC:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:5:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:5:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:5:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:5:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:5:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:5:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:5:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:5:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:5:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:5:DT:C7	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:H	3:Y:5:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:5:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:5:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:5:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:5:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:5:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:5:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:5:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:5:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:5:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:5:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:5:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:5:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:5:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:5:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:5:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:5:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:5:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:5:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:5:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:5:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:5:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:6:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:6:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:6:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:6:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:6:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:6:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:6:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:6:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:6:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:6:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:6:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:6:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:6:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:6:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:6:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:6:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:6:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:6:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:6:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:6:DA:H62	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:H	3:Y:6:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:6:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:6:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:6:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:6:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:6:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:6:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:6:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:6:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:6:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:6:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:6:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:7:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:7:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:7:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:7:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:7:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:7:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:7:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:7:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:7:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:7:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:7:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:7:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:7:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:7:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:7:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:7:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:7:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:7:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:7:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:7:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:7:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:7:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:7:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:7:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:7:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:7:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:7:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:7:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:7:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:7:DT:OP1	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:H	3:Y:7:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:7:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:8:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:8:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:8:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:8:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:8:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:8:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:8:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:8:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:8:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:8:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:8:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:8:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:8:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:8:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:8:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:8:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:8:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:8:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:8:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:8:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:8:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:8:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:8:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:8:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:8:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:8:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:8:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:8:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:8:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:8:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:8:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:8:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:9:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:9:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:9:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:9:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:9:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:9:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:9:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:9:DT:C5'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:H	3:Y:9:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:9:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:9:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:9:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:9:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:9:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:9:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:9:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:9:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:9:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:9:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:9:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:9:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:9:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:9:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:9:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:9:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:9:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:9:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:9:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:9:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:9:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:9:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:9:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:10:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:10:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:10:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:10:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:10:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:10:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:10:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:10:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:10:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:10:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:10:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:10:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:10:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:10:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:10:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:10:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:10:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:10:DA:H5''	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:H	3:Y:10:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:10:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:10:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:10:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:10:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:10:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:10:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:10:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:10:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:10:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:10:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:10:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:10:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:10:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:11:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:11:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:11:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:11:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:11:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:11:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:11:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:11:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:11:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:11:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:11:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:11:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:11:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:11:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:11:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:11:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:11:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:11:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:11:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:11:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:11:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:11:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:11:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:11:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:11:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:11:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:11:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:11:DT:O4'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:H	3:Y:11:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:11:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:11:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:11:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:12:DC:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:12:DC:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:12:DC:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:12:DC:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:12:DC:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:12:DC:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:12:DC:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:12:DC:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:12:DC:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:12:DC:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:12:DC:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:12:DC:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:12:DC:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:12:DC:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:12:DC:H41	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:12:DC:H42	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:12:DC:H5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:12:DC:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:12:DC:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:12:DC:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:12:DC:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:12:DC:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:12:DC:N4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:12:DC:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:12:DC:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:12:DC:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:12:DC:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:12:DC:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:12:DC:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:12:DC:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:13:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:13:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:13:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:13:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:13:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:13:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:13:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:13:DA:C5'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:H	3:Y:13:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:13:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:13:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:13:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:13:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:13:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:13:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:13:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:13:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:13:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:13:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:13:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:13:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:13:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:13:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:13:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:13:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:13:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:13:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:13:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:13:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:13:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:13:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:H	3:Y:13:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:3:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:3:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:3:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:3:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:3:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:3:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:3:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:3:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:3:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:3:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:3:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:3:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:3:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:3:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:3:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:3:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:3:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:3:DT:H5''	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HE	2:X:3:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:3:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:3:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:3:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:3:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:3:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:3:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:3:DT:O3 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:3:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:3:DT:O4 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:3:DT:O5 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:3:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:3:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:3:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:4:DG:C1 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:4:DG:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:4:DG:C2 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:4:DG:C3 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:4:DG:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:4:DG:C4 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:4:DG:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:4:DG:C5 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:4:DG:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:4:DG:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:4:DG:H1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:4:DG:H1 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:4:DG:H2 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:4:DG:H2 ^{??}	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:4:DG:H21	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:4:DG:H22	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:4:DG:H3 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:4:DG:H4 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:4:DG:H5 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:4:DG:H5 ^{??}	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:4:DG:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:4:DG:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:4:DG:N2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:4:DG:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:4:DG:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:4:DG:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:4:DG:O3 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:4:DG:O4 [?]	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HE	2:X:4:DG:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:4:DG:O6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:4:DG:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:4:DG:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:4:DG:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:5:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:5:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:5:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:5:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:5:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:5:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:5:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:5:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:5:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:5:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:5:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:5:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:5:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:5:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:5:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:5:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:5:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:5:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:5:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:5:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:5:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:5:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:5:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:5:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:5:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:5:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:5:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:5:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:5:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:5:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:5:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:5:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:6:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:6:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:6:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:6:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:6:DT:C4	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HE	2:X:6:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:6:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:6:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:6:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:6:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:6:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:6:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:6:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:6:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:6:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:6:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:6:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:6:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:6:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:6:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:6:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:6:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:6:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:6:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:6:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:6:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:6:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:6:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:6:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:6:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:6:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:6:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:7:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:7:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:7:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:7:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:7:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:7:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:7:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:7:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:7:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:7:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:7:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:7:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:7:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:7:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:7:DA:H3'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HE	2:X:7:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:7:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:7:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:7:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:7:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:7:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:7:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:7:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:7:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:7:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:7:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:7:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:7:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:7:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:7:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:7:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:7:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:8:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:8:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:8:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:8:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:8:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:8:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:8:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:8:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:8:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:8:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:8:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:8:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:8:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:8:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:8:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:8:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:8:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:8:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:8:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:8:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:8:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:8:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:8:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:8:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:8:DT:O2	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HE	2:X:8:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:8:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:8:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:8:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:8:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:8:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:8:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:9:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:9:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:9:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:9:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:9:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:9:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:9:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:9:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:9:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:9:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:9:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:9:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:9:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:9:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:9:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:9:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:9:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:9:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:9:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:9:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:9:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:9:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:9:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:9:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:9:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:9:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:9:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:9:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:9:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:9:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:9:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:9:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:10:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:10:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:10:DT:C2'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HE	2:X:10:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:10:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:10:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:10:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:10:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:10:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:10:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:10:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:10:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:10:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:10:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:10:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:10:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:10:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:10:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:10:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:10:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:10:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:10:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:10:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:10:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:10:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:10:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:10:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:10:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:10:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:10:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:10:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:10:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:11:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:11:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:11:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:11:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:11:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:11:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:11:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:11:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:11:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:11:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:11:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:11:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:11:DA:H2'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HE	2:X:11:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:11:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:11:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:11:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:11:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:11:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:11:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:11:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:11:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:11:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:11:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:11:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:11:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:11:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:11:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:11:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:11:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:11:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:11:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:12:DG:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:12:DG:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:12:DG:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:12:DG:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:12:DG:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:12:DG:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:12:DG:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:12:DG:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:12:DG:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:12:DG:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:12:DG:H1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:12:DG:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:12:DG:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:12:DG:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:12:DG:H21	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:12:DG:H22	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:12:DG:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:12:DG:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:12:DG:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:12:DG:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:12:DG:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:12:DG:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:12:DG:N2	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HE	2:X:12:DG:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:12:DG:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:12:DG:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:12:DG:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:12:DG:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:12:DG:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:12:DG:O6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:12:DG:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:12:DG:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:12:DG:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:13:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:13:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:13:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:13:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:13:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:13:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:13:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:13:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:13:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:13:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:13:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:13:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:13:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:13:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:13:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:13:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:13:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:13:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:13:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:13:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:13:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:13:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:13:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:13:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:13:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:13:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:13:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:13:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:13:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:13:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:13:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	2:X:13:DT:P	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HE	3:Y:3:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:3:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:3:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:3:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:3:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:3:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:3:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:3:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:3:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:3:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:3:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:3:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:3:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:3:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:3:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:3:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:3:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:3:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:3:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:3:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:3:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:3:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:3:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:3:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:3:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:3:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:3:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:3:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:3:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:3:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:3:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:3:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:4:DC:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:4:DC:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:4:DC:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:4:DC:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:4:DC:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:4:DC:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:4:DC:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:4:DC:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:4:DC:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:4:DC:H1'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HE	3:Y:4:DC:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:4:DC:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:4:DC:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:4:DC:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:4:DC:H41	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:4:DC:H42	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:4:DC:H5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:4:DC:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:4:DC:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:4:DC:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:4:DC:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:4:DC:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:4:DC:N4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:4:DC:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:4:DC:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:4:DC:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:4:DC:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:4:DC:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:4:DC:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:4:DC:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:5:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:5:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:5:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:5:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:5:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:5:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:5:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:5:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:5:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:5:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:5:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:5:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:5:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:5:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:5:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:5:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:5:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:5:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:5:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:5:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:5:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:5:DT:H73	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HE	3:Y:5:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:5:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:5:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:5:DT:O3 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:5:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:5:DT:O4 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:5:DT:O5 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:5:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:5:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:5:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:6:DA:C1 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:6:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:6:DA:C2 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:6:DA:C3 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:6:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:6:DA:C4 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:6:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:6:DA:C5 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:6:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:6:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:6:DA:H1 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:6:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:6:DA:H2 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:6:DA:H2 ^{??}	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:6:DA:H3 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:6:DA:H4 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:6:DA:H5 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:6:DA:H5 ^{??}	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:6:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:6:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:6:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:6:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:6:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:6:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:6:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:6:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:6:DA:O3 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:6:DA:O4 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:6:DA:O5 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:6:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:6:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:6:DA:P	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HE	3:Y:7:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:7:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:7:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:7:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:7:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:7:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:7:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:7:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:7:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:7:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:7:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:7:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:7:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:7:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:7:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:7:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:7:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:7:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:7:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:7:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:7:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:7:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:7:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:7:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:7:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:7:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:7:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:7:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:7:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:7:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:7:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:7:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:8:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:8:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:8:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:8:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:8:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:8:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:8:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:8:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:8:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:8:DA:C8	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HE	3:Y:8:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:8:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:8:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:8:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:8:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:8:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:8:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:8:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:8:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:8:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:8:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:8:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:8:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:8:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:8:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:8:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:8:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:8:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:8:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:8:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:8:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:8:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:9:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:9:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:9:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:9:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:9:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:9:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:9:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:9:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:9:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:9:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:9:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:9:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:9:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:9:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:9:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:9:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:9:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:9:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:9:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:9:DT:H71	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HE	3:Y:9:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:9:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:9:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:9:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:9:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:9:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:9:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:9:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:9:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:9:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:9:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:9:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:10:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:10:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:10:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:10:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:10:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:10:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:10:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:10:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:10:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:10:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:10:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:10:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:10:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:10:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:10:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:10:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:10:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:10:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:10:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:10:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:10:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:10:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:10:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:10:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:10:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:10:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:10:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:10:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:10:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:10:DA:OP1	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HE	3:Y:10:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:10:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:11:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:11:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:11:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:11:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:11:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:11:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:11:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:11:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:11:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:11:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:11:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:11:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:11:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:11:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:11:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:11:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:11:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:11:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:11:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:11:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:11:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:11:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:11:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:11:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:11:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:11:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:11:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:11:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:11:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:11:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:11:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:11:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:12:DC:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:12:DC:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:12:DC:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:12:DC:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:12:DC:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:12:DC:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:12:DC:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:12:DC:C5'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HE	3:Y:12:DC:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:12:DC:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:12:DC:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:12:DC:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:12:DC:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:12:DC:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:12:DC:H41	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:12:DC:H42	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:12:DC:H5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:12:DC:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:12:DC:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:12:DC:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:12:DC:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:12:DC:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:12:DC:N4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:12:DC:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:12:DC:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:12:DC:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:12:DC:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:12:DC:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:12:DC:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:12:DC:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:13:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:13:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:13:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:13:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:13:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:13:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:13:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:13:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:13:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:13:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:13:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:13:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:13:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:13:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:13:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:13:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:13:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:13:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:13:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:13:DA:H62	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HE	3:Y:13:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:13:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:13:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:13:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:13:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:13:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:13:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:13:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:13:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:13:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:13:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HE	3:Y:13:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:3:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:3:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:3:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:3:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:3:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:3:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:3:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:3:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:3:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:3:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:3:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:3:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:3:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:3:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:3:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:3:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:3:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:3:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:3:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:3:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:3:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:3:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:3:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:3:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:3:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:3:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:3:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:3:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:3:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:3:DT:OP1	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH11	2:X:3:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:3:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:4:DG:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:4:DG:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:4:DG:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:4:DG:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:4:DG:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:4:DG:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:4:DG:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:4:DG:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:4:DG:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:4:DG:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:4:DG:H1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:4:DG:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:4:DG:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:4:DG:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:4:DG:H21	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:4:DG:H22	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:4:DG:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:4:DG:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:4:DG:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:4:DG:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:4:DG:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:4:DG:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:4:DG:N2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:4:DG:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:4:DG:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:4:DG:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:4:DG:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:4:DG:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:4:DG:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:4:DG:O6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:4:DG:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:4:DG:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:4:DG:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:5:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:5:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:5:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:5:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:5:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:5:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:5:DA:C5	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH11	2:X:5:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:5:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:5:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:5:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:5:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:5:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:5:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:5:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:5:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:5:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:5:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:5:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:5:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:5:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:5:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:5:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:5:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:5:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:5:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:5:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:5:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:5:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:5:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:5:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:5:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:6:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:6:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:6:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:6:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:6:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:6:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:6:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:6:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:6:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:6:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:6:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:6:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:6:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:6:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:6:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:6:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:6:DT:H5'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH11	2:X:6:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:6:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:6:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:6:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:6:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:6:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:6:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:6:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:6:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:6:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:6:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:6:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:6:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:6:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:6:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:7:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:7:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:7:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:7:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:7:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:7:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:7:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:7:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:7:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:7:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:7:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:7:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:7:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:7:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:7:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:7:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:7:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:7:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:7:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:7:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:7:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:7:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:7:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:7:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:7:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:7:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:7:DA:O3'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH11	2:X:7:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:7:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:7:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:7:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:7:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:8:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:8:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:8:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:8:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:8:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:8:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:8:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:8:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:8:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:8:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:8:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:8:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:8:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:8:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:8:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:8:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:8:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:8:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:8:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:8:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:8:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:8:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:8:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:8:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:8:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:8:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:8:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:8:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:8:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:8:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:8:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:8:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:9:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:9:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:9:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:9:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:9:DA:C4	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH11	2:X:9:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:9:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:9:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:9:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:9:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:9:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:9:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:9:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:9:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:9:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:9:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:9:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:9:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:9:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:9:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:9:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:9:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:9:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:9:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:9:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:9:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:9:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:9:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:9:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:9:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:9:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:9:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:10:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:10:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:10:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:10:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:10:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:10:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:10:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:10:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:10:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:10:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:10:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:10:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:10:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:10:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:10:DT:H3'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH11	2:X:10:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:10:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:10:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:10:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:10:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:10:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:10:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:10:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:10:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:10:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:10:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:10:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:10:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:10:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:10:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:10:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:10:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:11:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:11:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:11:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:11:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:11:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:11:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:11:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:11:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:11:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:11:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:11:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:11:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:11:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:11:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:11:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:11:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:11:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:11:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:11:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:11:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:11:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:11:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:11:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:11:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:11:DA:N7	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH11	2:X:11:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:11:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:11:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:11:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:11:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:11:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:11:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:12:DG:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:12:DG:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:12:DG:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:12:DG:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:12:DG:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:12:DG:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:12:DG:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:12:DG:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:12:DG:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:12:DG:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:12:DG:H1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:12:DG:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:12:DG:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:12:DG:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:12:DG:H21	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:12:DG:H22	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:12:DG:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:12:DG:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:12:DG:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:12:DG:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:12:DG:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:12:DG:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:12:DG:N2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:12:DG:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:12:DG:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:12:DG:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:12:DG:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:12:DG:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:12:DG:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:12:DG:O6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:12:DG:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:12:DG:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:12:DG:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:13:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:13:DT:C2	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH11	2:X:13:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:13:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:13:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:13:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:13:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:13:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:13:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:13:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:13:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:13:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:13:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:13:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:13:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:13:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:13:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:13:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:13:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:13:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:13:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:13:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:13:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:13:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:13:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:13:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:13:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:13:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:13:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:13:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:13:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	2:X:13:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:3:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:3:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:3:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:3:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:3:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:3:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:3:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:3:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:3:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:3:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:3:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:3:DA:H2	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH11	3:Y:3:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:3:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:3:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:3:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:3:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:3:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:3:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:3:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:3:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:3:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:3:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:3:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:3:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:3:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:3:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:3:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:3:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:3:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:3:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:3:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:4:DC:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:4:DC:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:4:DC:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:4:DC:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:4:DC:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:4:DC:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:4:DC:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:4:DC:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:4:DC:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:4:DC:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:4:DC:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:4:DC:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:4:DC:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:4:DC:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:4:DC:H41	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:4:DC:H42	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:4:DC:H5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:4:DC:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:4:DC:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:4:DC:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:4:DC:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:4:DC:N3	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH11	3:Y:4:DC:N4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:4:DC:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:4:DC:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:4:DC:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:4:DC:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:4:DC:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:4:DC:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:4:DC:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:5:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:5:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:5:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:5:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:5:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:5:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:5:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:5:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:5:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:5:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:5:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:5:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:5:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:5:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:5:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:5:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:5:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:5:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:5:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:5:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:5:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:5:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:5:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:5:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:5:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:5:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:5:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:5:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:5:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:5:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:5:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:5:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:6:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:6:DA:C2	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH11	3:Y:6:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:6:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:6:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:6:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:6:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:6:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:6:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:6:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:6:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:6:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:6:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:6:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:6:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:6:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:6:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:6:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:6:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:6:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:6:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:6:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:6:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:6:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:6:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:6:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:6:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:6:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:6:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:6:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:6:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:6:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:7:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:7:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:7:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:7:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:7:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:7:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:7:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:7:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:7:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:7:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:7:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:7:DT:H2'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH11	3:Y:7:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:7:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:7:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:7:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:7:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:7:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:7:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:7:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:7:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:7:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:7:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:7:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:7:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:7:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:7:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:7:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:7:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:7:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:7:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:7:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:8:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:8:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:8:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:8:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:8:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:8:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:8:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:8:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:8:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:8:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:8:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:8:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:8:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:8:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:8:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:8:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:8:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:8:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:8:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:8:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:8:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:8:DA:N1	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH11	3:Y:8:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:8:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:8:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:8:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:8:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:8:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:8:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:8:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:8:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:8:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:9:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:9:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:9:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:9:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:9:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:9:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:9:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:9:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:9:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:9:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:9:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:9:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:9:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:9:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:9:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:9:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:9:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:9:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:9:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:9:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:9:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:9:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:9:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:9:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:9:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:9:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:9:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:9:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:9:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:9:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:9:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:9:DT:P	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH11	3:Y:10:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:10:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:10:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:10:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:10:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:10:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:10:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:10:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:10:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:10:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:10:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:10:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:10:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:10:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:10:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:10:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:10:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:10:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:10:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:10:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:10:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:10:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:10:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:10:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:10:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:10:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:10:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:10:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:10:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:10:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:10:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:10:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:11:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:11:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:11:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:11:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:11:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:11:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:11:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:11:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:11:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:11:DT:C7	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH11	3:Y:11:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:11:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:11:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:11:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:11:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:11:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:11:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:11:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:11:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:11:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:11:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:11:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:11:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:11:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:11:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:11:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:11:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:11:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:11:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:11:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:11:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:11:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:12:DC:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:12:DC:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:12:DC:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:12:DC:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:12:DC:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:12:DC:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:12:DC:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:12:DC:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:12:DC:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:12:DC:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:12:DC:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:12:DC:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:12:DC:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:12:DC:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:12:DC:H41	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:12:DC:H42	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:12:DC:H5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:12:DC:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:12:DC:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:12:DC:H6	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH11	3:Y:12:DC:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:12:DC:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:12:DC:N4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:12:DC:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:12:DC:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:12:DC:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:12:DC:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:12:DC:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:12:DC:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:12:DC:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:13:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:13:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:13:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:13:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:13:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:13:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:13:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:13:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:13:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:13:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:13:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:13:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:13:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:13:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:13:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:13:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:13:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:13:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:13:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:13:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:13:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:13:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:13:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:13:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:13:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:13:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:13:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:13:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:13:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:13:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:13:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH11	3:Y:13:DA:P	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH12	2:X:3:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:3:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:3:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:3:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:3:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:3:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:3:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:3:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:3:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:3:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:3:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:3:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:3:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:3:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:3:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:3:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:3:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:3:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:3:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:3:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:3:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:3:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:3:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:3:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:3:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:3:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:3:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:3:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:3:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:3:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:3:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:3:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:4:DG:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:4:DG:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:4:DG:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:4:DG:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:4:DG:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:4:DG:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:4:DG:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:4:DG:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:4:DG:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:4:DG:C8	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH12	2:X:4:DG:H1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:4:DG:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:4:DG:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:4:DG:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:4:DG:H21	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:4:DG:H22	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:4:DG:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:4:DG:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:4:DG:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:4:DG:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:4:DG:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:4:DG:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:4:DG:N2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:4:DG:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:4:DG:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:4:DG:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:4:DG:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:4:DG:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:4:DG:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:4:DG:O6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:4:DG:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:4:DG:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:4:DG:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:5:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:5:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:5:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:5:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:5:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:5:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:5:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:5:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:5:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:5:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:5:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:5:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:5:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:5:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:5:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:5:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:5:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:5:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:5:DA:H61	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH12	2:X:5:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:5:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:5:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:5:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:5:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:5:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:5:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:5:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:5:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:5:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:5:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:5:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:5:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:6:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:6:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:6:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:6:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:6:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:6:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:6:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:6:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:6:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:6:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:6:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:6:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:6:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:6:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:6:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:6:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:6:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:6:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:6:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:6:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:6:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:6:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:6:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:6:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:6:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:6:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:6:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:6:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:6:DT:O5'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH12	2:X:6:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:6:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:6:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:7:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:7:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:7:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:7:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:7:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:7:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:7:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:7:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:7:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:7:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:7:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:7:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:7:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:7:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:7:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:7:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:7:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:7:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:7:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:7:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:7:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:7:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:7:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:7:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:7:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:7:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:7:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:7:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:7:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:7:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:7:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:7:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:8:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:8:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:8:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:8:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:8:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:8:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:8:DT:C5	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH12	2:X:8:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:8:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:8:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:8:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:8:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:8:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:8:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:8:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:8:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:8:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:8:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:8:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:8:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:8:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:8:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:8:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:8:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:8:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:8:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:8:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:8:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:8:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:8:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:8:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:8:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:9:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:9:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:9:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:9:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:9:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:9:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:9:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:9:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:9:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:9:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:9:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:9:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:9:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:9:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:9:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:9:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:9:DA:H5'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH12	2:X:9:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:9:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:9:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:9:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:9:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:9:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:9:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:9:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:9:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:9:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:9:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:9:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:9:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:9:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:9:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:10:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:10:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:10:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:10:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:10:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:10:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:10:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:10:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:10:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:10:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:10:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:10:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:10:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:10:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:10:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:10:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:10:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:10:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:10:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:10:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:10:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:10:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:10:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:10:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:10:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:10:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:10:DT:O4	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH12	2:X:10:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:10:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:10:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:10:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:10:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:11:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:11:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:11:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:11:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:11:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:11:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:11:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:11:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:11:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:11:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:11:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:11:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:11:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:11:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:11:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:11:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:11:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:11:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:11:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:11:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:11:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:11:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:11:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:11:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:11:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:11:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:11:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:11:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:11:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:11:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:11:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:11:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:12:DG:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:12:DG:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:12:DG:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:12:DG:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:12:DG:C4	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH12	2:X:12:DG:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:12:DG:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:12:DG:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:12:DG:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:12:DG:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:12:DG:H1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:12:DG:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:12:DG:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:12:DG:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:12:DG:H21	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:12:DG:H22	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:12:DG:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:12:DG:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:12:DG:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:12:DG:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:12:DG:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:12:DG:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:12:DG:N2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:12:DG:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:12:DG:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:12:DG:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:12:DG:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:12:DG:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:12:DG:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:12:DG:O6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:12:DG:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:12:DG:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:12:DG:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:13:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:13:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:13:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:13:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:13:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:13:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:13:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:13:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:13:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:13:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:13:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:13:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:13:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:13:DT:H3	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH12	2:X:13:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:13:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:13:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:13:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:13:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:13:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:13:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:13:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:13:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:13:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:13:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:13:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:13:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:13:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:13:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:13:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:13:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	2:X:13:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:3:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:3:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:3:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:3:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:3:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:3:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:3:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:3:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:3:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:3:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:3:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:3:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:3:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:3:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:3:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:3:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:3:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:3:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:3:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:3:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:3:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:3:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:3:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:3:DA:N6	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH12	3:Y:3:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:3:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:3:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:3:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:3:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:3:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:3:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:3:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:4:DC:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:4:DC:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:4:DC:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:4:DC:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:4:DC:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:4:DC:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:4:DC:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:4:DC:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:4:DC:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:4:DC:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:4:DC:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:4:DC:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:4:DC:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:4:DC:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:4:DC:H41	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:4:DC:H42	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:4:DC:H5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:4:DC:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:4:DC:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:4:DC:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:4:DC:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:4:DC:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:4:DC:N4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:4:DC:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:4:DC:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:4:DC:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:4:DC:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:4:DC:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:4:DC:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:4:DC:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:5:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:5:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:5:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:5:DT:C3'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH12	3:Y:5:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:5:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:5:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:5:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:5:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:5:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:5:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:5:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:5:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:5:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:5:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:5:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:5:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:5:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:5:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:5:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:5:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:5:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:5:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:5:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:5:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:5:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:5:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:5:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:5:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:5:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:5:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:5:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:6:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:6:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:6:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:6:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:6:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:6:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:6:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:6:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:6:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:6:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:6:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:6:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:6:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:6:DA:H2''	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH12	3:Y:6:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:6:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:6:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:6:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:6:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:6:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:6:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:6:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:6:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:6:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:6:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:6:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:6:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:6:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:6:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:6:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:6:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:6:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:7:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:7:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:7:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:7:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:7:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:7:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:7:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:7:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:7:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:7:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:7:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:7:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:7:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:7:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:7:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:7:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:7:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:7:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:7:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:7:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:7:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:7:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:7:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:7:DT:N3	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH12	3:Y:7:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:7:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:7:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:7:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:7:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:7:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:7:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:7:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:8:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:8:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:8:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:8:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:8:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:8:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:8:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:8:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:8:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:8:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:8:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:8:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:8:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:8:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:8:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:8:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:8:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:8:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:8:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:8:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:8:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:8:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:8:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:8:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:8:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:8:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:8:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:8:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:8:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:8:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:8:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:8:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:9:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:9:DT:C2	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH12	3:Y:9:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:9:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:9:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:9:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:9:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:9:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:9:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:9:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:9:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:9:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:9:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:9:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:9:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:9:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:9:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:9:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:9:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:9:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:9:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:9:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:9:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:9:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:9:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:9:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:9:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:9:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:9:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:9:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:9:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:9:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:10:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:10:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:10:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:10:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:10:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:10:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:10:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:10:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:10:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:10:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:10:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:10:DA:H2	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH12	3:Y:10:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:10:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:10:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:10:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:10:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:10:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:10:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:10:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:10:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:10:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:10:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:10:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:10:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:10:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:10:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:10:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:10:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:10:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:10:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:10:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:11:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:11:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:11:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:11:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:11:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:11:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:11:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:11:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:11:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:11:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:11:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:11:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:11:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:11:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:11:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:11:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:11:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:11:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:11:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:11:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:11:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:11:DT:H73	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH12	3:Y:11:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:11:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:11:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:11:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:11:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:11:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:11:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:11:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:11:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:11:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:12:DC:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:12:DC:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:12:DC:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:12:DC:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:12:DC:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:12:DC:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:12:DC:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:12:DC:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:12:DC:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:12:DC:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:12:DC:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:12:DC:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:12:DC:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:12:DC:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:12:DC:H41	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:12:DC:H42	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:12:DC:H5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:12:DC:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:12:DC:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:12:DC:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:12:DC:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:12:DC:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:12:DC:N4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:12:DC:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:12:DC:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:12:DC:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:12:DC:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:12:DC:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:12:DC:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:12:DC:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:13:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:13:DA:C2	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH12	3:Y:13:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:13:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:13:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:13:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:13:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:13:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:13:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:13:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:13:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:13:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:13:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:13:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:13:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:13:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:13:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:13:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:13:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:13:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:13:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:13:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:13:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:13:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:13:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:13:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:13:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:13:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:13:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:13:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:13:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH12	3:Y:13:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:3:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:3:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:3:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:3:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:3:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:3:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:3:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:3:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:3:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:3:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:3:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:3:DT:H2'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH21	2:X:3:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:3:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:3:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:3:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:3:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:3:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:3:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:3:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:3:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:3:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:3:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:3:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:3:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:3:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:3:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:3:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:3:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:3:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:3:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:3:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:4:DG:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:4:DG:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:4:DG:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:4:DG:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:4:DG:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:4:DG:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:4:DG:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:4:DG:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:4:DG:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:4:DG:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:4:DG:H1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:4:DG:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:4:DG:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:4:DG:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:4:DG:H21	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:4:DG:H22	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:4:DG:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:4:DG:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:4:DG:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:4:DG:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:4:DG:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:4:DG:N1	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH21	2:X:4:DG:N2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:4:DG:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:4:DG:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:4:DG:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:4:DG:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:4:DG:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:4:DG:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:4:DG:O6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:4:DG:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:4:DG:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:4:DG:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:5:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:5:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:5:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:5:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:5:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:5:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:5:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:5:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:5:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:5:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:5:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:5:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:5:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:5:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:5:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:5:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:5:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:5:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:5:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:5:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:5:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:5:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:5:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:5:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:5:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:5:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:5:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:5:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:5:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:5:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:5:DA:OP2	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH21	2:X:5:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:6:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:6:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:6:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:6:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:6:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:6:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:6:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:6:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:6:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:6:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:6:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:6:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:6:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:6:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:6:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:6:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:6:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:6:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:6:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:6:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:6:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:6:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:6:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:6:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:6:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:6:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:6:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:6:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:6:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:6:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:6:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:6:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:7:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:7:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:7:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:7:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:7:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:7:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:7:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:7:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:7:DA:C6	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH21	2:X:7:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:7:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:7:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:7:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:7:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:7:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:7:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:7:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:7:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:7:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:7:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:7:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:7:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:7:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:7:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:7:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:7:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:7:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:7:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:7:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:7:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:7:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:7:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:8:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:8:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:8:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:8:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:8:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:8:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:8:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:8:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:8:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:8:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:8:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:8:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:8:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:8:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:8:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:8:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:8:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:8:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:8:DT:H6	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH21	2:X:8:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:8:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:8:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:8:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:8:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:8:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:8:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:8:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:8:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:8:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:8:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:8:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:8:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:9:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:9:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:9:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:9:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:9:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:9:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:9:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:9:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:9:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:9:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:9:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:9:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:9:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:9:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:9:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:9:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:9:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:9:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:9:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:9:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:9:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:9:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:9:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:9:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:9:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:9:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:9:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:9:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:9:DA:O5'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH21	2:X:9:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:9:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:9:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:10:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:10:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:10:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:10:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:10:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:10:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:10:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:10:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:10:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:10:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:10:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:10:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:10:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:10:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:10:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:10:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:10:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:10:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:10:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:10:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:10:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:10:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:10:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:10:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:10:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:10:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:10:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:10:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:10:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:10:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:10:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:10:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:11:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:11:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:11:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:11:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:11:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:11:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:11:DA:C5	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH21	2:X:11:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:11:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:11:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:11:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:11:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:11:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:11:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:11:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:11:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:11:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:11:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:11:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:11:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:11:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:11:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:11:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:11:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:11:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:11:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:11:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:11:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:11:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:11:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:11:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:11:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:12:DG:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:12:DG:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:12:DG:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:12:DG:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:12:DG:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:12:DG:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:12:DG:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:12:DG:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:12:DG:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:12:DG:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:12:DG:H1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:12:DG:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:12:DG:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:12:DG:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:12:DG:H21	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:12:DG:H22	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:12:DG:H3'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH21	2:X:12:DG:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:12:DG:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:12:DG:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:12:DG:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:12:DG:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:12:DG:N2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:12:DG:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:12:DG:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:12:DG:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:12:DG:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:12:DG:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:12:DG:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:12:DG:O6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:12:DG:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:12:DG:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:12:DG:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:13:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:13:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:13:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:13:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:13:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:13:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:13:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:13:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:13:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:13:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:13:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:13:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:13:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:13:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:13:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:13:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:13:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:13:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:13:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:13:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:13:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:13:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:13:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:13:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:13:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:13:DT:O3'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH21	2:X:13:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:13:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:13:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:13:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:13:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	2:X:13:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:3:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:3:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:3:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:3:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:3:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:3:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:3:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:3:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:3:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:3:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:3:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:3:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:3:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:3:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:3:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:3:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:3:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:3:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:3:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:3:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:3:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:3:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:3:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:3:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:3:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:3:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:3:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:3:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:3:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:3:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:3:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:3:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:4:DC:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:4:DC:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:4:DC:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:4:DC:C3'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH21	3:Y:4:DC:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:4:DC:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:4:DC:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:4:DC:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:4:DC:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:4:DC:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:4:DC:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:4:DC:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:4:DC:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:4:DC:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:4:DC:H41	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:4:DC:H42	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:4:DC:H5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:4:DC:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:4:DC:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:4:DC:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:4:DC:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:4:DC:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:4:DC:N4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:4:DC:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:4:DC:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:4:DC:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:4:DC:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:4:DC:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:4:DC:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:4:DC:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:5:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:5:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:5:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:5:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:5:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:5:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:5:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:5:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:5:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:5:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:5:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:5:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:5:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:5:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:5:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:5:DT:H4'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH21	3:Y:5:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:5:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:5:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:5:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:5:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:5:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:5:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:5:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:5:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:5:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:5:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:5:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:5:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:5:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:5:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:5:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:6:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:6:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:6:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:6:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:6:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:6:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:6:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:6:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:6:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:6:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:6:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:6:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:6:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:6:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:6:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:6:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:6:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:6:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:6:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:6:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:6:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:6:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:6:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:6:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:6:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:6:DA:N9	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH21	3:Y:6:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:6:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:6:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:6:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:6:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:6:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:7:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:7:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:7:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:7:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:7:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:7:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:7:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:7:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:7:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:7:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:7:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:7:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:7:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:7:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:7:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:7:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:7:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:7:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:7:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:7:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:7:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:7:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:7:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:7:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:7:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:7:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:7:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:7:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:7:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:7:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:7:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:7:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:8:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:8:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:8:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:8:DA:C3'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH21	3:Y:8:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:8:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:8:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:8:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:8:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:8:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:8:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:8:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:8:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:8:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:8:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:8:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:8:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:8:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:8:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:8:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:8:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:8:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:8:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:8:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:8:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:8:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:8:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:8:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:8:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:8:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:8:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:8:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:9:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:9:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:9:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:9:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:9:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:9:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:9:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:9:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:9:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:9:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:9:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:9:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:9:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:9:DT:H3	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH21	3:Y:9:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:9:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:9:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:9:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:9:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:9:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:9:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:9:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:9:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:9:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:9:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:9:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:9:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:9:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:9:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:9:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:9:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:9:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:10:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:10:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:10:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:10:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:10:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:10:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:10:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:10:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:10:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:10:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:10:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:10:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:10:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:10:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:10:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:10:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:10:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:10:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:10:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:10:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:10:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:10:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:10:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:10:DA:N6	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH21	3:Y:10:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:10:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:10:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:10:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:10:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:10:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:10:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:10:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:11:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:11:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:11:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:11:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:11:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:11:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:11:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:11:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:11:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:11:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:11:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:11:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:11:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:11:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:11:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:11:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:11:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:11:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:11:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:11:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:11:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:11:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:11:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:11:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:11:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:11:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:11:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:11:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:11:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:11:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:11:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:11:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:12:DC:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:12:DC:C2	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH21	3:Y:12:DC:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:12:DC:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:12:DC:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:12:DC:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:12:DC:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:12:DC:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:12:DC:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:12:DC:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:12:DC:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:12:DC:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:12:DC:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:12:DC:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:12:DC:H41	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:12:DC:H42	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:12:DC:H5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:12:DC:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:12:DC:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:12:DC:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:12:DC:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:12:DC:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:12:DC:N4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:12:DC:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:12:DC:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:12:DC:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:12:DC:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:12:DC:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:12:DC:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:12:DC:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:13:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:13:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:13:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:13:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:13:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:13:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:13:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:13:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:13:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:13:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:13:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:13:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:13:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:13:DA:H2''	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH21	3:Y:13:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:13:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:13:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:13:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:13:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:13:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:13:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:13:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:13:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:13:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:13:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:13:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:13:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:13:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:13:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:13:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:13:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH21	3:Y:13:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:3:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:3:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:3:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:3:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:3:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:3:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:3:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:3:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:3:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:3:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:3:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:3:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:3:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:3:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:3:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:3:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:3:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:3:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:3:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:3:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:3:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:3:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:3:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:3:DT:N3	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH22	2:X:3:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:3:DT:O3 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:3:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:3:DT:O4 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:3:DT:O5 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:3:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:3:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:3:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:4:DG:C1 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:4:DG:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:4:DG:C2 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:4:DG:C3 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:4:DG:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:4:DG:C4 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:4:DG:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:4:DG:C5 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:4:DG:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:4:DG:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:4:DG:H1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:4:DG:H1 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:4:DG:H2 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:4:DG:H2 ^{??}	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:4:DG:H21	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:4:DG:H22	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:4:DG:H3 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:4:DG:H4 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:4:DG:H5 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:4:DG:H5 ^{??}	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:4:DG:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:4:DG:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:4:DG:N2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:4:DG:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:4:DG:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:4:DG:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:4:DG:O3 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:4:DG:O4 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:4:DG:O5 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:4:DG:O6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:4:DG:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:4:DG:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:4:DG:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:5:DA:C1 [?]	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH22	2:X:5:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:5:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:5:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:5:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:5:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:5:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:5:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:5:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:5:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:5:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:5:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:5:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:5:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:5:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:5:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:5:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:5:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:5:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:5:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:5:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:5:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:5:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:5:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:5:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:5:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:5:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:5:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:5:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:5:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:5:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:5:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:6:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:6:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:6:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:6:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:6:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:6:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:6:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:6:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:6:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:6:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:6:DT:H1'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH22	2:X:6:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:6:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:6:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:6:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:6:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:6:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:6:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:6:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:6:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:6:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:6:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:6:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:6:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:6:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:6:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:6:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:6:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:6:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:6:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:6:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:6:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:7:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:7:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:7:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:7:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:7:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:7:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:7:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:7:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:7:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:7:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:7:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:7:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:7:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:7:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:7:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:7:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:7:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:7:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:7:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:7:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:7:DA:H8	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH22	2:X:7:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:7:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:7:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:7:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:7:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:7:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:7:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:7:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:7:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:7:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:7:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:8:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:8:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:8:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:8:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:8:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:8:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:8:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:8:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:8:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:8:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:8:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:8:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:8:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:8:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:8:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:8:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:8:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:8:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:8:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:8:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:8:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:8:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:8:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:8:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:8:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:8:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:8:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:8:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:8:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:8:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:8:DT:OP2	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH22	2:X:8:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:9:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:9:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:9:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:9:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:9:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:9:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:9:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:9:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:9:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:9:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:9:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:9:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:9:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:9:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:9:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:9:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:9:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:9:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:9:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:9:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:9:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:9:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:9:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:9:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:9:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:9:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:9:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:9:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:9:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:9:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:9:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:9:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:10:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:10:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:10:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:10:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:10:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:10:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:10:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:10:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:10:DT:C6	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH22	2:X:10:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:10:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:10:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:10:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:10:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:10:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:10:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:10:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:10:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:10:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:10:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:10:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:10:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:10:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:10:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:10:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:10:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:10:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:10:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:10:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:10:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:10:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:10:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:11:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:11:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:11:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:11:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:11:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:11:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:11:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:11:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:11:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:11:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:11:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:11:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:11:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:11:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:11:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:11:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:11:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:11:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:11:DA:H61	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH22	2:X:11:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:11:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:11:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:11:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:11:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:11:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:11:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:11:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:11:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:11:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:11:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:11:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:11:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:12:DG:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:12:DG:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:12:DG:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:12:DG:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:12:DG:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:12:DG:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:12:DG:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:12:DG:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:12:DG:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:12:DG:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:12:DG:H1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:12:DG:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:12:DG:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:12:DG:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:12:DG:H21	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:12:DG:H22	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:12:DG:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:12:DG:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:12:DG:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:12:DG:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:12:DG:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:12:DG:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:12:DG:N2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:12:DG:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:12:DG:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:12:DG:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:12:DG:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:12:DG:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:12:DG:O5'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH22	2:X:12:DG:O6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:12:DG:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:12:DG:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:12:DG:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:13:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:13:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:13:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:13:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:13:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:13:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:13:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:13:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:13:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:13:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:13:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:13:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:13:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:13:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:13:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:13:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:13:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:13:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:13:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:13:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:13:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:13:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:13:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:13:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:13:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:13:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:13:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:13:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:13:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:13:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:13:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	2:X:13:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:3:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:3:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:3:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:3:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:3:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:3:DA:C4'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH22	3:Y:3:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:3:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:3:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:3:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:3:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:3:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:3:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:3:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:3:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:3:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:3:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:3:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:3:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:3:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:3:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:3:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:3:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:3:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:3:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:3:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:3:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:3:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:3:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:3:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:3:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:3:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:4:DC:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:4:DC:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:4:DC:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:4:DC:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:4:DC:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:4:DC:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:4:DC:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:4:DC:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:4:DC:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:4:DC:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:4:DC:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:4:DC:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:4:DC:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:4:DC:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:4:DC:H41	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:4:DC:H42	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH22	3:Y:4:DC:H5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:4:DC:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:4:DC:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:4:DC:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:4:DC:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:4:DC:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:4:DC:N4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:4:DC:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:4:DC:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:4:DC:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:4:DC:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:4:DC:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:4:DC:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:4:DC:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:5:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:5:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:5:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:5:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:5:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:5:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:5:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:5:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:5:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:5:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:5:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:5:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:5:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:5:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:5:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:5:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:5:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:5:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:5:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:5:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:5:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:5:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:5:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:5:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:5:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:5:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:5:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:5:DT:O4'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH22	3:Y:5:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:5:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:5:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:5:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:6:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:6:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:6:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:6:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:6:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:6:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:6:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:6:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:6:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:6:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:6:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:6:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:6:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:6:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:6:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:6:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:6:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:6:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:6:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:6:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:6:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:6:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:6:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:6:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:6:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:6:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:6:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:6:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:6:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:6:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:6:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:6:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:7:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:7:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:7:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:7:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:7:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:7:DT:C4'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH22	3:Y:7:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:7:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:7:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:7:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:7:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:7:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:7:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:7:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:7:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:7:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:7:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:7:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:7:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:7:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:7:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:7:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:7:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:7:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:7:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:7:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:7:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:7:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:7:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:7:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:7:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:7:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:8:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:8:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:8:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:8:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:8:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:8:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:8:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:8:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:8:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:8:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:8:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:8:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:8:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:8:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:8:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:8:DA:H4'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH22	3:Y:8:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:8:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:8:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:8:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:8:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:8:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:8:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:8:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:8:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:8:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:8:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:8:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:8:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:8:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:8:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:8:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:9:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:9:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:9:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:9:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:9:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:9:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:9:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:9:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:9:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:9:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:9:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:9:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:9:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:9:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:9:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:9:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:9:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:9:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:9:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:9:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:9:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:9:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:9:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:9:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:9:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:9:DT:O3'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH22	3:Y:9:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:9:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:9:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:9:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:9:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:9:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:10:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:10:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:10:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:10:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:10:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:10:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:10:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:10:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:10:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:10:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:10:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:10:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:10:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:10:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:10:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:10:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:10:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:10:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:10:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:10:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:10:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:10:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:10:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:10:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:10:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:10:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:10:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:10:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:10:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:10:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:10:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:10:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:11:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:11:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:11:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:11:DT:C3'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH22	3:Y:11:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:11:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:11:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:11:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:11:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:11:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:11:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:11:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:11:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:11:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:11:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:11:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:11:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:11:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:11:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:11:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:11:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:11:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:11:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:11:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:11:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:11:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:11:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:11:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:11:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:11:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:11:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:11:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:12:DC:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:12:DC:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:12:DC:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:12:DC:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:12:DC:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:12:DC:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:12:DC:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:12:DC:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:12:DC:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:12:DC:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:12:DC:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:12:DC:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:12:DC:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:12:DC:H4'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH22	3:Y:12:DC:H41	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:12:DC:H42	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:12:DC:H5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:12:DC:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:12:DC:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:12:DC:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:12:DC:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:12:DC:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:12:DC:N4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:12:DC:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:12:DC:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:12:DC:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:12:DC:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:12:DC:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:12:DC:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:12:DC:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:13:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:13:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:13:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:13:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:13:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:13:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:13:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:13:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:13:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:13:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:13:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:13:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:13:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:13:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:13:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:13:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:13:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:13:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:13:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:13:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:13:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:13:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:13:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:13:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:13:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:13:DA:N9	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:HH22	3:Y:13:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:13:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:13:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:13:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:13:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:HH22	3:Y:13:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:3:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:3:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:3:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:3:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:3:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:3:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:3:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:3:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:3:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:3:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:3:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:3:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:3:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:3:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:3:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:3:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:3:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:3:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:3:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:3:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:3:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:3:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:3:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:3:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:3:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:3:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:3:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:3:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:3:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:3:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:3:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:3:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:4:DG:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:4:DG:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:4:DG:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:4:DG:C3'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:N	2:X:4:DG:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:4:DG:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:4:DG:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:4:DG:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:4:DG:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:4:DG:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:4:DG:H1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:4:DG:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:4:DG:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:4:DG:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:4:DG:H21	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:4:DG:H22	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:4:DG:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:4:DG:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:4:DG:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:4:DG:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:4:DG:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:4:DG:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:4:DG:N2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:4:DG:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:4:DG:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:4:DG:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:4:DG:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:4:DG:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:4:DG:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:4:DG:O6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:4:DG:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:4:DG:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:4:DG:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:5:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:5:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:5:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:5:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:5:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:5:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:5:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:5:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:5:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:5:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:5:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:5:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:5:DA:H2'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:N	2:X:5:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:5:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:5:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:5:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:5:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:5:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:5:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:5:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:5:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:5:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:5:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:5:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:5:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:5:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:5:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:5:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:5:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:5:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:5:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:6:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:6:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:6:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:6:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:6:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:6:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:6:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:6:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:6:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:6:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:6:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:6:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:6:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:6:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:6:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:6:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:6:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:6:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:6:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:6:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:6:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:6:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:6:DT:N1	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:N	2:X:6:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:6:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:6:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:6:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:6:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:6:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:6:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:6:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:6:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:7:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:7:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:7:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:7:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:7:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:7:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:7:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:7:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:7:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:7:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:7:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:7:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:7:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:7:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:7:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:7:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:7:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:7:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:7:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:7:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:7:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:7:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:7:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:7:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:7:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:7:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:7:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:7:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:7:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:7:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:7:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:7:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:8:DT:C1'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:N	2:X:8:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:8:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:8:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:8:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:8:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:8:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:8:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:8:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:8:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:8:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:8:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:8:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:8:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:8:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:8:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:8:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:8:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:8:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:8:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:8:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:8:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:8:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:8:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:8:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:8:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:8:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:8:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:8:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:8:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:8:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:8:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:9:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:9:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:9:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:9:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:9:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:9:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:9:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:9:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:9:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:9:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:9:DA:H1'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:N	2:X:9:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:9:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:9:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:9:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:9:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:9:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:9:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:9:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:9:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:9:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:9:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:9:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:9:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:9:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:9:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:9:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:9:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:9:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:9:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:9:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:9:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:10:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:10:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:10:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:10:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:10:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:10:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:10:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:10:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:10:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:10:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:10:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:10:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:10:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:10:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:10:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:10:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:10:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:10:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:10:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:10:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:10:DT:H72	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:N	2:X:10:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:10:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:10:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:10:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:10:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:10:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:10:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:10:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:10:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:10:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:10:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:11:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:11:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:11:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:11:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:11:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:11:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:11:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:11:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:11:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:11:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:11:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:11:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:11:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:11:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:11:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:11:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:11:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:11:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:11:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:11:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:11:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:11:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:11:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:11:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:11:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:11:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:11:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:11:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:11:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:11:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:11:DA:OP2	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:N	2:X:11:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:12:DG:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:12:DG:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:12:DG:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:12:DG:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:12:DG:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:12:DG:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:12:DG:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:12:DG:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:12:DG:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:12:DG:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:12:DG:H1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:12:DG:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:12:DG:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:12:DG:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:12:DG:H21	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:12:DG:H22	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:12:DG:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:12:DG:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:12:DG:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:12:DG:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:12:DG:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:12:DG:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:12:DG:N2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:12:DG:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:12:DG:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:12:DG:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:12:DG:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:12:DG:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:12:DG:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:12:DG:O6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:12:DG:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:12:DG:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:12:DG:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:13:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:13:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:13:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:13:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:13:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:13:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:13:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:13:DT:C5'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:N	2:X:13:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:13:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:13:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:13:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:13:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:13:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:13:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:13:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:13:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:13:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:13:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:13:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:13:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:13:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:13:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:13:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:13:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:13:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:13:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:13:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:13:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:13:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:13:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	2:X:13:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:3:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:3:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:3:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:3:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:3:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:3:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:3:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:3:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:3:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:3:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:3:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:3:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:3:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:3:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:3:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:3:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:3:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:3:DA:H5''	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:N	3:Y:3:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:3:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:3:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:3:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:3:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:3:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:3:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:3:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:3:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:3:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:3:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:3:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:3:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:3:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:4:DC:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:4:DC:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:4:DC:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:4:DC:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:4:DC:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:4:DC:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:4:DC:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:4:DC:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:4:DC:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:4:DC:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:4:DC:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:4:DC:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:4:DC:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:4:DC:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:4:DC:H41	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:4:DC:H42	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:4:DC:H5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:4:DC:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:4:DC:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:4:DC:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:4:DC:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:4:DC:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:4:DC:N4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:4:DC:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:4:DC:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:4:DC:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:4:DC:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:4:DC:OP1	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:N	3:Y:4:DC:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:4:DC:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:5:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:5:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:5:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:5:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:5:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:5:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:5:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:5:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:5:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:5:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:5:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:5:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:5:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:5:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:5:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:5:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:5:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:5:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:5:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:5:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:5:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:5:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:5:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:5:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:5:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:5:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:5:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:5:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:5:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:5:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:5:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:5:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:6:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:6:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:6:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:6:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:6:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:6:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:6:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:6:DA:C5'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:N	3:Y:6:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:6:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:6:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:6:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:6:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:6:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:6:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:6:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:6:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:6:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:6:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:6:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:6:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:6:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:6:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:6:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:6:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:6:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:6:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:6:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:6:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:6:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:6:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:6:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:7:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:7:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:7:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:7:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:7:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:7:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:7:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:7:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:7:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:7:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:7:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:7:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:7:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:7:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:7:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:7:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:7:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:7:DT:H5''	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:N	3:Y:7:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:7:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:7:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:7:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:7:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:7:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:7:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:7:DT:O3 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:7:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:7:DT:O4 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:7:DT:O5 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:7:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:7:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:7:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:8:DA:C1 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:8:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:8:DA:C2 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:8:DA:C3 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:8:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:8:DA:C4 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:8:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:8:DA:C5 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:8:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:8:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:8:DA:H1 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:8:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:8:DA:H2 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:8:DA:H2 ^{??}	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:8:DA:H3 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:8:DA:H4 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:8:DA:H5 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:8:DA:H5 ^{??}	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:8:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:8:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:8:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:8:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:8:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:8:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:8:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:8:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:8:DA:O3 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:8:DA:O4 [?]	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:N	3:Y:8:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:8:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:8:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:8:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:9:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:9:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:9:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:9:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:9:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:9:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:9:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:9:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:9:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:9:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:9:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:9:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:9:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:9:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:9:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:9:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:9:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:9:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:9:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:9:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:9:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:9:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:9:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:9:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:9:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:9:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:9:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:9:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:9:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:9:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:9:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:9:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:10:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:10:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:10:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:10:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:10:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:10:DA:C4'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:N	3:Y:10:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:10:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:10:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:10:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:10:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:10:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:10:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:10:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:10:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:10:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:10:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:10:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:10:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:10:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:10:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:10:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:10:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:10:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:10:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:10:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:10:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:10:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:10:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:10:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:10:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:10:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:11:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:11:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:11:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:11:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:11:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:11:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:11:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:11:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:11:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:11:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:11:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:11:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:11:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:11:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:11:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:11:DT:H4'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:N	3:Y:11:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:11:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:11:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:11:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:11:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:11:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:11:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:11:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:11:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:11:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:11:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:11:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:11:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:11:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:11:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:11:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:12:DC:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:12:DC:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:12:DC:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:12:DC:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:12:DC:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:12:DC:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:12:DC:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:12:DC:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:12:DC:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:12:DC:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:12:DC:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:12:DC:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:12:DC:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:12:DC:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:12:DC:H41	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:12:DC:H42	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:12:DC:H5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:12:DC:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:12:DC:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:12:DC:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:12:DC:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:12:DC:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:12:DC:N4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:12:DC:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:12:DC:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:12:DC:O4'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:N	3:Y:12:DC:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:12:DC:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:12:DC:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:12:DC:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:13:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:13:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:13:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:13:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:13:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:13:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:13:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:13:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:13:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:13:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:13:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:13:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:13:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:13:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:13:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:13:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:13:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:13:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:13:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:13:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:13:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:13:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:13:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:13:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:13:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:13:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:13:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:13:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:13:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:13:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:13:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:N	3:Y:13:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:3:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:3:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:3:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:3:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:3:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:3:DT:C4'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NE	2:X:3:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:3:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:3:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:3:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:3:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:3:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:3:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:3:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:3:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:3:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:3:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:3:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:3:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:3:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:3:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:3:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:3:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:3:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:3:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:3:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:3:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:3:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:3:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:3:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:3:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:3:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:4:DG:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:4:DG:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:4:DG:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:4:DG:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:4:DG:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:4:DG:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:4:DG:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:4:DG:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:4:DG:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:4:DG:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:4:DG:H1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:4:DG:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:4:DG:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:4:DG:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:4:DG:H21	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:4:DG:H22	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NE	2:X:4:DG:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:4:DG:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:4:DG:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:4:DG:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:4:DG:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:4:DG:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:4:DG:N2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:4:DG:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:4:DG:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:4:DG:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:4:DG:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:4:DG:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:4:DG:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:4:DG:O6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:4:DG:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:4:DG:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:4:DG:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:5:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:5:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:5:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:5:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:5:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:5:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:5:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:5:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:5:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:5:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:5:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:5:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:5:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:5:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:5:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:5:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:5:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:5:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:5:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:5:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:5:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:5:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:5:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:5:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:5:DA:N7	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NE	2:X:5:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:5:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:5:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:5:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:5:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:5:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:5:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:6:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:6:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:6:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:6:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:6:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:6:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:6:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:6:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:6:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:6:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:6:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:6:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:6:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:6:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:6:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:6:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:6:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:6:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:6:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:6:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:6:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:6:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:6:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:6:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:6:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:6:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:6:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:6:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:6:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:6:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:6:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:6:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:7:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:7:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:7:DA:C2'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NE	2:X:7:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:7:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:7:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:7:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:7:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:7:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:7:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:7:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:7:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:7:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:7:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:7:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:7:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:7:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:7:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:7:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:7:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:7:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:7:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:7:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:7:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:7:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:7:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:7:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:7:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:7:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:7:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:7:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:7:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:8:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:8:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:8:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:8:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:8:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:8:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:8:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:8:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:8:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:8:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:8:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:8:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:8:DT:H2''	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NE	2:X:8:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:8:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:8:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:8:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:8:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:8:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:8:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:8:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:8:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:8:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:8:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:8:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:8:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:8:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:8:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:8:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:8:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:8:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:8:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:9:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:9:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:9:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:9:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:9:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:9:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:9:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:9:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:9:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:9:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:9:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:9:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:9:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:9:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:9:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:9:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:9:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:9:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:9:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:9:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:9:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:9:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:9:DA:N3	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NE	2:X:9:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:9:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:9:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:9:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:9:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:9:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:9:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:9:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:9:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:10:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:10:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:10:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:10:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:10:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:10:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:10:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:10:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:10:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:10:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:10:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:10:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:10:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:10:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:10:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:10:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:10:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:10:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:10:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:10:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:10:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:10:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:10:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:10:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:10:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:10:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:10:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:10:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:10:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:10:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:10:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:10:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:11:DA:C1'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NE	2:X:11:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:11:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:11:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:11:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:11:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:11:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:11:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:11:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:11:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:11:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:11:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:11:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:11:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:11:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:11:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:11:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:11:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:11:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:11:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:11:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:11:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:11:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:11:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:11:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:11:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:11:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:11:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:11:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:11:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:11:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:11:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:12:DG:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:12:DG:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:12:DG:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:12:DG:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:12:DG:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:12:DG:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:12:DG:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:12:DG:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:12:DG:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:12:DG:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:12:DG:H1	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NE	2:X:12:DG:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:12:DG:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:12:DG:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:12:DG:H21	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:12:DG:H22	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:12:DG:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:12:DG:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:12:DG:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:12:DG:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:12:DG:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:12:DG:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:12:DG:N2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:12:DG:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:12:DG:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:12:DG:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:12:DG:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:12:DG:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:12:DG:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:12:DG:O6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:12:DG:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:12:DG:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:12:DG:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:13:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:13:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:13:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:13:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:13:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:13:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:13:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:13:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:13:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:13:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:13:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:13:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:13:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:13:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:13:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:13:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:13:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:13:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:13:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:13:DT:H71	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NE	2:X:13:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:13:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:13:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:13:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:13:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:13:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:13:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:13:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:13:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:13:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:13:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	2:X:13:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:3:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:3:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:3:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:3:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:3:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:3:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:3:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:3:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:3:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:3:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:3:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:3:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:3:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:3:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:3:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:3:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:3:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:3:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:3:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:3:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:3:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:3:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:3:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:3:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:3:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:3:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:3:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:3:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:3:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:3:DA:OP1	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NE	3:Y:3:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:3:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:4:DC:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:4:DC:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:4:DC:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:4:DC:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:4:DC:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:4:DC:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:4:DC:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:4:DC:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:4:DC:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:4:DC:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:4:DC:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:4:DC:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:4:DC:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:4:DC:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:4:DC:H41	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:4:DC:H42	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:4:DC:H5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:4:DC:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:4:DC:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:4:DC:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:4:DC:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:4:DC:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:4:DC:N4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:4:DC:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:4:DC:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:4:DC:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:4:DC:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:4:DC:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:4:DC:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:4:DC:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:5:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:5:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:5:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:5:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:5:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:5:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:5:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:5:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:5:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:5:DT:C7	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NE	3:Y:5:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:5:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:5:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:5:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:5:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:5:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:5:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:5:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:5:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:5:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:5:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:5:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:5:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:5:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:5:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:5:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:5:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:5:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:5:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:5:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:5:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:5:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:6:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:6:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:6:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:6:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:6:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:6:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:6:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:6:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:6:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:6:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:6:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:6:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:6:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:6:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:6:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:6:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:6:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:6:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:6:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:6:DA:H62	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NE	3:Y:6:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:6:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:6:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:6:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:6:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:6:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:6:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:6:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:6:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:6:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:6:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:6:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:7:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:7:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:7:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:7:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:7:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:7:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:7:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:7:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:7:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:7:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:7:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:7:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:7:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:7:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:7:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:7:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:7:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:7:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:7:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:7:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:7:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:7:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:7:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:7:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:7:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:7:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:7:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:7:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:7:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:7:DT:OP1	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NE	3:Y:7:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:7:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:8:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:8:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:8:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:8:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:8:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:8:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:8:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:8:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:8:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:8:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:8:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:8:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:8:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:8:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:8:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:8:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:8:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:8:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:8:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:8:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:8:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:8:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:8:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:8:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:8:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:8:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:8:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:8:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:8:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:8:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:8:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:8:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:9:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:9:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:9:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:9:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:9:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:9:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:9:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:9:DT:C5'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NE	3:Y:9:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:9:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:9:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:9:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:9:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:9:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:9:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:9:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:9:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:9:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:9:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:9:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:9:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:9:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:9:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:9:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:9:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:9:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:9:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:9:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:9:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:9:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:9:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:9:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:10:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:10:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:10:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:10:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:10:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:10:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:10:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:10:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:10:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:10:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:10:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:10:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:10:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:10:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:10:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:10:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:10:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:10:DA:H5''	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NE	3:Y:10:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:10:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:10:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:10:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:10:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:10:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:10:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:10:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:10:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:10:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:10:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:10:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:10:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:10:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:11:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:11:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:11:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:11:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:11:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:11:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:11:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:11:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:11:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:11:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:11:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:11:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:11:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:11:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:11:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:11:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:11:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:11:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:11:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:11:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:11:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:11:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:11:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:11:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:11:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:11:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:11:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:11:DT:O4'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NE	3:Y:11:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:11:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:11:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:11:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:12:DC:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:12:DC:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:12:DC:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:12:DC:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:12:DC:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:12:DC:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:12:DC:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:12:DC:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:12:DC:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:12:DC:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:12:DC:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:12:DC:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:12:DC:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:12:DC:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:12:DC:H41	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:12:DC:H42	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:12:DC:H5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:12:DC:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:12:DC:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:12:DC:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:12:DC:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:12:DC:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:12:DC:N4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:12:DC:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:12:DC:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:12:DC:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:12:DC:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:12:DC:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:12:DC:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:12:DC:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:13:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:13:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:13:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:13:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:13:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:13:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:13:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:13:DA:C5'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NE	3:Y:13:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:13:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:13:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:13:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:13:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:13:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:13:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:13:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:13:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:13:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:13:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:13:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:13:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:13:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:13:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:13:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:13:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:13:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:13:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:13:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:13:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:13:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:13:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NE	3:Y:13:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:3:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:3:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:3:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:3:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:3:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:3:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:3:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:3:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:3:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:3:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:3:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:3:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:3:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:3:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:3:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:3:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:3:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:3:DT:H5''	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NH1	2:X:3:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:3:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:3:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:3:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:3:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:3:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:3:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:3:DT:O3 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:3:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:3:DT:O4 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:3:DT:O5 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:3:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:3:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:3:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:4:DG:C1 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:4:DG:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:4:DG:C2 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:4:DG:C3 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:4:DG:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:4:DG:C4 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:4:DG:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:4:DG:C5 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:4:DG:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:4:DG:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:4:DG:H1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:4:DG:H1 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:4:DG:H2 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:4:DG:H2 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:4:DG:H21	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:4:DG:H22	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:4:DG:H3 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:4:DG:H4 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:4:DG:H5 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:4:DG:H5 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:4:DG:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:4:DG:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:4:DG:N2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:4:DG:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:4:DG:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:4:DG:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:4:DG:O3 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:4:DG:O4 [?]	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NH1	2:X:4:DG:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:4:DG:O6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:4:DG:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:4:DG:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:4:DG:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:5:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:5:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:5:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:5:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:5:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:5:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:5:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:5:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:5:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:5:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:5:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:5:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:5:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:5:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:5:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:5:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:5:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:5:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:5:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:5:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:5:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:5:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:5:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:5:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:5:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:5:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:5:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:5:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:5:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:5:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:5:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:5:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:6:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:6:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:6:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:6:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:6:DT:C4	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NH1	2:X:6:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:6:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:6:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:6:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:6:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:6:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:6:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:6:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:6:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:6:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:6:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:6:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:6:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:6:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:6:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:6:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:6:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:6:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:6:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:6:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:6:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:6:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:6:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:6:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:6:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:6:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:6:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:7:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:7:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:7:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:7:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:7:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:7:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:7:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:7:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:7:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:7:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:7:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:7:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:7:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:7:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:7:DA:H3'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NH1	2:X:7:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:7:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:7:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:7:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:7:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:7:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:7:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:7:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:7:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:7:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:7:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:7:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:7:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:7:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:7:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:7:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:7:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:8:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:8:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:8:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:8:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:8:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:8:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:8:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:8:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:8:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:8:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:8:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:8:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:8:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:8:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:8:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:8:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:8:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:8:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:8:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:8:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:8:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:8:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:8:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:8:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:8:DT:O2	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NH1	2:X:8:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:8:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:8:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:8:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:8:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:8:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:8:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:9:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:9:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:9:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:9:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:9:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:9:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:9:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:9:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:9:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:9:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:9:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:9:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:9:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:9:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:9:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:9:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:9:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:9:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:9:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:9:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:9:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:9:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:9:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:9:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:9:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:9:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:9:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:9:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:9:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:9:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:9:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:9:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:10:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:10:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:10:DT:C2'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NH1	2:X:10:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:10:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:10:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:10:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:10:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:10:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:10:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:10:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:10:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:10:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:10:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:10:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:10:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:10:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:10:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:10:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:10:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:10:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:10:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:10:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:10:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:10:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:10:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:10:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:10:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:10:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:10:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:10:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:10:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:11:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:11:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:11:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:11:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:11:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:11:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:11:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:11:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:11:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:11:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:11:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:11:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:11:DA:H2'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NH1	2:X:11:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:11:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:11:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:11:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:11:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:11:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:11:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:11:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:11:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:11:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:11:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:11:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:11:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:11:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:11:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:11:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:11:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:11:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:11:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:12:DG:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:12:DG:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:12:DG:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:12:DG:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:12:DG:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:12:DG:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:12:DG:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:12:DG:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:12:DG:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:12:DG:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:12:DG:H1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:12:DG:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:12:DG:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:12:DG:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:12:DG:H21	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:12:DG:H22	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:12:DG:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:12:DG:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:12:DG:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:12:DG:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:12:DG:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:12:DG:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:12:DG:N2	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NH1	2:X:12:DG:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:12:DG:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:12:DG:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:12:DG:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:12:DG:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:12:DG:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:12:DG:O6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:12:DG:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:12:DG:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:12:DG:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:13:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:13:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:13:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:13:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:13:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:13:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:13:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:13:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:13:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:13:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:13:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:13:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:13:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:13:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:13:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:13:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:13:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:13:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:13:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:13:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:13:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:13:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:13:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:13:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:13:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:13:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:13:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:13:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:13:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:13:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:13:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	2:X:13:DT:P	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NH1	3:Y:3:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:3:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:3:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:3:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:3:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:3:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:3:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:3:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:3:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:3:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:3:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:3:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:3:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:3:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:3:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:3:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:3:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:3:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:3:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:3:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:3:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:3:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:3:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:3:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:3:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:3:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:3:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:3:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:3:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:3:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:3:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:3:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:4:DC:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:4:DC:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:4:DC:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:4:DC:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:4:DC:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:4:DC:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:4:DC:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:4:DC:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:4:DC:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:4:DC:H1'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NH1	3:Y:4:DC:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:4:DC:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:4:DC:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:4:DC:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:4:DC:H41	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:4:DC:H42	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:4:DC:H5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:4:DC:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:4:DC:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:4:DC:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:4:DC:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:4:DC:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:4:DC:N4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:4:DC:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:4:DC:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:4:DC:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:4:DC:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:4:DC:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:4:DC:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:4:DC:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:5:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:5:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:5:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:5:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:5:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:5:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:5:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:5:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:5:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:5:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:5:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:5:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:5:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:5:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:5:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:5:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:5:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:5:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:5:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:5:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:5:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:5:DT:H73	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NH1	3:Y:5:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:5:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:5:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:5:DT:O3 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:5:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:5:DT:O4 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:5:DT:O5 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:5:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:5:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:5:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:6:DA:C1 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:6:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:6:DA:C2 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:6:DA:C3 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:6:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:6:DA:C4 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:6:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:6:DA:C5 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:6:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:6:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:6:DA:H1 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:6:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:6:DA:H2 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:6:DA:H2 ^{??}	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:6:DA:H3 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:6:DA:H4 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:6:DA:H5 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:6:DA:H5 ^{??}	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:6:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:6:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:6:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:6:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:6:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:6:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:6:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:6:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:6:DA:O3 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:6:DA:O4 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:6:DA:O5 [?]	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:6:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:6:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:6:DA:P	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NH1	3:Y:7:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:7:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:7:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:7:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:7:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:7:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:7:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:7:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:7:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:7:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:7:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:7:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:7:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:7:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:7:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:7:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:7:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:7:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:7:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:7:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:7:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:7:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:7:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:7:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:7:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:7:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:7:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:7:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:7:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:7:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:7:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:7:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:8:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:8:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:8:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:8:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:8:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:8:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:8:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:8:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:8:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:8:DA:C8	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NH1	3:Y:8:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:8:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:8:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:8:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:8:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:8:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:8:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:8:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:8:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:8:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:8:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:8:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:8:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:8:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:8:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:8:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:8:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:8:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:8:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:8:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:8:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:8:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:9:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:9:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:9:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:9:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:9:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:9:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:9:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:9:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:9:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:9:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:9:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:9:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:9:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:9:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:9:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:9:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:9:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:9:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:9:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:9:DT:H71	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NH1	3:Y:9:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:9:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:9:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:9:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:9:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:9:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:9:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:9:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:9:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:9:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:9:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:9:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:10:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:10:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:10:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:10:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:10:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:10:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:10:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:10:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:10:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:10:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:10:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:10:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:10:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:10:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:10:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:10:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:10:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:10:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:10:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:10:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:10:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:10:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:10:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:10:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:10:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:10:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:10:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:10:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:10:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:10:DA:OP1	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NH1	3:Y:10:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:10:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:11:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:11:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:11:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:11:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:11:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:11:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:11:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:11:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:11:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:11:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:11:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:11:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:11:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:11:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:11:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:11:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:11:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:11:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:11:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:11:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:11:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:11:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:11:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:11:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:11:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:11:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:11:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:11:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:11:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:11:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:11:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:11:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:12:DC:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:12:DC:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:12:DC:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:12:DC:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:12:DC:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:12:DC:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:12:DC:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:12:DC:C5'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NH1	3:Y:12:DC:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:12:DC:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:12:DC:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:12:DC:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:12:DC:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:12:DC:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:12:DC:H41	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:12:DC:H42	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:12:DC:H5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:12:DC:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:12:DC:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:12:DC:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:12:DC:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:12:DC:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:12:DC:N4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:12:DC:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:12:DC:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:12:DC:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:12:DC:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:12:DC:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:12:DC:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:12:DC:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:13:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:13:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:13:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:13:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:13:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:13:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:13:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:13:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:13:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:13:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:13:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:13:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:13:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:13:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:13:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:13:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:13:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:13:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:13:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:13:DA:H62	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NH1	3:Y:13:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:13:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:13:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:13:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:13:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:13:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:13:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:13:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:13:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:13:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:13:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH1	3:Y:13:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:3:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:3:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:3:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:3:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:3:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:3:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:3:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:3:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:3:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:3:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:3:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:3:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:3:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:3:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:3:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:3:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:3:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:3:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:3:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:3:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:3:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:3:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:3:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:3:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:3:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:3:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:3:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:3:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:3:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:3:DT:OP1	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NH2	2:X:3:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:3:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:4:DG:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:4:DG:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:4:DG:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:4:DG:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:4:DG:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:4:DG:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:4:DG:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:4:DG:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:4:DG:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:4:DG:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:4:DG:H1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:4:DG:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:4:DG:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:4:DG:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:4:DG:H21	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:4:DG:H22	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:4:DG:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:4:DG:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:4:DG:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:4:DG:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:4:DG:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:4:DG:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:4:DG:N2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:4:DG:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:4:DG:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:4:DG:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:4:DG:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:4:DG:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:4:DG:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:4:DG:O6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:4:DG:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:4:DG:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:4:DG:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:5:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:5:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:5:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:5:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:5:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:5:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:5:DA:C5	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NH2	2:X:5:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:5:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:5:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:5:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:5:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:5:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:5:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:5:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:5:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:5:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:5:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:5:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:5:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:5:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:5:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:5:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:5:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:5:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:5:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:5:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:5:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:5:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:5:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:5:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:5:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:6:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:6:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:6:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:6:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:6:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:6:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:6:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:6:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:6:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:6:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:6:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:6:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:6:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:6:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:6:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:6:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:6:DT:H5'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NH2	2:X:6:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:6:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:6:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:6:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:6:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:6:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:6:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:6:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:6:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:6:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:6:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:6:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:6:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:6:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:6:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:7:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:7:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:7:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:7:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:7:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:7:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:7:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:7:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:7:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:7:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:7:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:7:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:7:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:7:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:7:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:7:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:7:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:7:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:7:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:7:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:7:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:7:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:7:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:7:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:7:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:7:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:7:DA:O3'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NH2	2:X:7:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:7:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:7:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:7:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:7:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:8:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:8:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:8:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:8:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:8:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:8:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:8:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:8:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:8:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:8:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:8:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:8:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:8:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:8:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:8:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:8:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:8:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:8:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:8:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:8:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:8:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:8:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:8:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:8:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:8:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:8:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:8:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:8:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:8:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:8:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:8:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:8:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:9:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:9:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:9:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:9:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:9:DA:C4	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NH2	2:X:9:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:9:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:9:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:9:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:9:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:9:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:9:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:9:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:9:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:9:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:9:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:9:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:9:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:9:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:9:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:9:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:9:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:9:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:9:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:9:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:9:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:9:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:9:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:9:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:9:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:9:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:9:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:10:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:10:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:10:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:10:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:10:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:10:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:10:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:10:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:10:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:10:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:10:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:10:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:10:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:10:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:10:DT:H3'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NH2	2:X:10:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:10:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:10:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:10:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:10:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:10:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:10:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:10:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:10:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:10:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:10:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:10:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:10:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:10:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:10:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:10:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:10:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:11:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:11:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:11:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:11:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:11:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:11:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:11:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:11:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:11:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:11:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:11:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:11:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:11:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:11:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:11:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:11:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:11:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:11:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:11:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:11:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:11:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:11:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:11:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:11:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:11:DA:N7	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NH2	2:X:11:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:11:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:11:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:11:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:11:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:11:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:11:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:12:DG:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:12:DG:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:12:DG:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:12:DG:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:12:DG:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:12:DG:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:12:DG:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:12:DG:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:12:DG:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:12:DG:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:12:DG:H1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:12:DG:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:12:DG:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:12:DG:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:12:DG:H21	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:12:DG:H22	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:12:DG:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:12:DG:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:12:DG:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:12:DG:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:12:DG:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:12:DG:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:12:DG:N2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:12:DG:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:12:DG:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:12:DG:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:12:DG:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:12:DG:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:12:DG:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:12:DG:O6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:12:DG:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:12:DG:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:12:DG:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:13:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:13:DT:C2	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NH2	2:X:13:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:13:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:13:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:13:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:13:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:13:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:13:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:13:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:13:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:13:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:13:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:13:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:13:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:13:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:13:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:13:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:13:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:13:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:13:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:13:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:13:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:13:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:13:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:13:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:13:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:13:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:13:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:13:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:13:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	2:X:13:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:3:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:3:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:3:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:3:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:3:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:3:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:3:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:3:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:3:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:3:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:3:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:3:DA:H2	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NH2	3:Y:3:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:3:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:3:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:3:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:3:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:3:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:3:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:3:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:3:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:3:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:3:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:3:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:3:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:3:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:3:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:3:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:3:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:3:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:3:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:3:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:4:DC:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:4:DC:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:4:DC:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:4:DC:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:4:DC:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:4:DC:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:4:DC:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:4:DC:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:4:DC:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:4:DC:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:4:DC:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:4:DC:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:4:DC:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:4:DC:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:4:DC:H41	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:4:DC:H42	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:4:DC:H5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:4:DC:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:4:DC:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:4:DC:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:4:DC:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:4:DC:N3	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NH2	3:Y:4:DC:N4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:4:DC:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:4:DC:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:4:DC:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:4:DC:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:4:DC:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:4:DC:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:4:DC:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:5:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:5:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:5:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:5:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:5:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:5:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:5:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:5:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:5:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:5:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:5:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:5:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:5:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:5:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:5:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:5:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:5:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:5:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:5:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:5:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:5:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:5:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:5:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:5:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:5:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:5:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:5:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:5:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:5:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:5:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:5:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:5:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:6:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:6:DA:C2	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NH2	3:Y:6:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:6:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:6:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:6:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:6:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:6:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:6:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:6:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:6:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:6:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:6:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:6:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:6:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:6:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:6:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:6:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:6:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:6:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:6:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:6:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:6:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:6:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:6:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:6:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:6:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:6:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:6:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:6:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:6:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:6:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:7:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:7:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:7:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:7:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:7:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:7:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:7:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:7:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:7:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:7:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:7:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:7:DT:H2'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NH2	3:Y:7:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:7:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:7:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:7:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:7:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:7:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:7:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:7:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:7:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:7:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:7:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:7:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:7:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:7:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:7:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:7:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:7:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:7:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:7:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:7:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:8:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:8:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:8:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:8:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:8:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:8:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:8:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:8:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:8:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:8:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:8:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:8:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:8:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:8:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:8:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:8:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:8:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:8:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:8:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:8:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:8:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:8:DA:N1	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NH2	3:Y:8:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:8:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:8:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:8:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:8:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:8:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:8:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:8:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:8:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:8:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:9:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:9:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:9:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:9:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:9:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:9:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:9:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:9:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:9:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:9:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:9:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:9:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:9:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:9:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:9:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:9:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:9:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:9:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:9:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:9:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:9:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:9:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:9:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:9:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:9:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:9:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:9:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:9:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:9:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:9:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:9:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:9:DT:P	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NH2	3:Y:10:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:10:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:10:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:10:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:10:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:10:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:10:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:10:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:10:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:10:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:10:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:10:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:10:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:10:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:10:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:10:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:10:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:10:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:10:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:10:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:10:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:10:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:10:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:10:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:10:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:10:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:10:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:10:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:10:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:10:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:10:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:10:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:11:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:11:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:11:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:11:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:11:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:11:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:11:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:11:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:11:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:11:DT:C7	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NH2	3:Y:11:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:11:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:11:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:11:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:11:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:11:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:11:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:11:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:11:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:11:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:11:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:11:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:11:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:11:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:11:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:11:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:11:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:11:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:11:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:11:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:11:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:11:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:12:DC:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:12:DC:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:12:DC:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:12:DC:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:12:DC:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:12:DC:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:12:DC:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:12:DC:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:12:DC:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:12:DC:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:12:DC:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:12:DC:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:12:DC:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:12:DC:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:12:DC:H41	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:12:DC:H42	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:12:DC:H5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:12:DC:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:12:DC:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:12:DC:H6	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:NH2	3:Y:12:DC:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:12:DC:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:12:DC:N4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:12:DC:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:12:DC:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:12:DC:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:12:DC:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:12:DC:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:12:DC:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:12:DC:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:13:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:13:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:13:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:13:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:13:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:13:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:13:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:13:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:13:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:13:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:13:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:13:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:13:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:13:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:13:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:13:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:13:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:13:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:13:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:13:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:13:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:13:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:13:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:13:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:13:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:13:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:13:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:13:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:13:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:13:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:13:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:NH2	3:Y:13:DA:P	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:O	2:X:3:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:3:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:3:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:3:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:3:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:3:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:3:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:3:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:3:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:3:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:3:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:3:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:3:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:3:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:3:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:3:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:3:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:3:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:3:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:3:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:3:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:3:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:3:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:3:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:3:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:3:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:3:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:3:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:3:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:3:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:3:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:3:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:4:DG:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:4:DG:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:4:DG:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:4:DG:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:4:DG:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:4:DG:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:4:DG:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:4:DG:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:4:DG:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:4:DG:C8	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:O	2:X:4:DG:H1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:4:DG:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:4:DG:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:4:DG:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:4:DG:H21	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:4:DG:H22	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:4:DG:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:4:DG:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:4:DG:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:4:DG:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:4:DG:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:4:DG:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:4:DG:N2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:4:DG:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:4:DG:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:4:DG:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:4:DG:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:4:DG:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:4:DG:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:4:DG:O6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:4:DG:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:4:DG:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:4:DG:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:5:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:5:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:5:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:5:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:5:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:5:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:5:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:5:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:5:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:5:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:5:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:5:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:5:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:5:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:5:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:5:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:5:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:5:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:5:DA:H61	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:O	2:X:5:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:5:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:5:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:5:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:5:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:5:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:5:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:5:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:5:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:5:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:5:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:5:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:5:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:6:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:6:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:6:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:6:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:6:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:6:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:6:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:6:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:6:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:6:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:6:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:6:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:6:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:6:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:6:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:6:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:6:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:6:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:6:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:6:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:6:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:6:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:6:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:6:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:6:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:6:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:6:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:6:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:6:DT:O5'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:O	2:X:6:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:6:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:6:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:7:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:7:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:7:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:7:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:7:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:7:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:7:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:7:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:7:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:7:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:7:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:7:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:7:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:7:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:7:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:7:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:7:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:7:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:7:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:7:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:7:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:7:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:7:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:7:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:7:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:7:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:7:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:7:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:7:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:7:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:7:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:7:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:8:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:8:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:8:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:8:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:8:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:8:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:8:DT:C5	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:O	2:X:8:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:8:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:8:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:8:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:8:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:8:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:8:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:8:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:8:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:8:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:8:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:8:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:8:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:8:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:8:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:8:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:8:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:8:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:8:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:8:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:8:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:8:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:8:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:8:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:8:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:9:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:9:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:9:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:9:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:9:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:9:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:9:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:9:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:9:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:9:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:9:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:9:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:9:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:9:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:9:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:9:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:9:DA:H5'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:O	2:X:9:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:9:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:9:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:9:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:9:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:9:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:9:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:9:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:9:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:9:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:9:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:9:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:9:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:9:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:9:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:10:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:10:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:10:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:10:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:10:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:10:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:10:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:10:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:10:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:10:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:10:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:10:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:10:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:10:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:10:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:10:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:10:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:10:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:10:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:10:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:10:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:10:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:10:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:10:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:10:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:10:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:10:DT:O4	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:O	2:X:10:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:10:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:10:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:10:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:10:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:11:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:11:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:11:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:11:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:11:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:11:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:11:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:11:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:11:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:11:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:11:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:11:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:11:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:11:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:11:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:11:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:11:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:11:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:11:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:11:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:11:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:11:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:11:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:11:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:11:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:11:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:11:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:11:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:11:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:11:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:11:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:11:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:12:DG:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:12:DG:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:12:DG:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:12:DG:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:12:DG:C4	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:O	2:X:12:DG:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:12:DG:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:12:DG:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:12:DG:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:12:DG:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:12:DG:H1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:12:DG:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:12:DG:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:12:DG:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:12:DG:H21	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:12:DG:H22	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:12:DG:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:12:DG:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:12:DG:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:12:DG:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:12:DG:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:12:DG:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:12:DG:N2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:12:DG:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:12:DG:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:12:DG:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:12:DG:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:12:DG:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:12:DG:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:12:DG:O6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:12:DG:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:12:DG:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:12:DG:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:13:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:13:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:13:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:13:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:13:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:13:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:13:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:13:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:13:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:13:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:13:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:13:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:13:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:13:DT:H3	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:O	2:X:13:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:13:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:13:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:13:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:13:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:13:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:13:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:13:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:13:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:13:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:13:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:13:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:13:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:13:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:13:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:13:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:13:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	2:X:13:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:3:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:3:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:3:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:3:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:3:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:3:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:3:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:3:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:3:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:3:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:3:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:3:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:3:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:3:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:3:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:3:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:3:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:3:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:3:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:3:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:3:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:3:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:3:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:3:DA:N6	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:O	3:Y:3:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:3:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:3:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:3:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:3:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:3:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:3:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:3:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:4:DC:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:4:DC:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:4:DC:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:4:DC:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:4:DC:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:4:DC:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:4:DC:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:4:DC:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:4:DC:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:4:DC:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:4:DC:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:4:DC:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:4:DC:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:4:DC:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:4:DC:H41	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:4:DC:H42	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:4:DC:H5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:4:DC:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:4:DC:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:4:DC:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:4:DC:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:4:DC:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:4:DC:N4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:4:DC:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:4:DC:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:4:DC:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:4:DC:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:4:DC:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:4:DC:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:4:DC:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:5:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:5:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:5:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:5:DT:C3'	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:O	3:Y:5:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:5:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:5:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:5:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:5:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:5:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:5:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:5:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:5:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:5:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:5:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:5:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:5:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:5:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:5:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:5:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:5:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:5:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:5:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:5:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:5:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:5:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:5:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:5:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:5:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:5:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:5:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:5:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:6:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:6:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:6:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:6:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:6:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:6:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:6:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:6:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:6:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:6:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:6:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:6:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:6:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:6:DA:H2''	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:O	3:Y:6:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:6:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:6:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:6:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:6:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:6:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:6:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:6:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:6:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:6:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:6:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:6:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:6:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:6:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:6:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:6:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:6:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:6:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:7:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:7:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:7:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:7:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:7:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:7:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:7:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:7:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:7:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:7:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:7:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:7:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:7:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:7:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:7:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:7:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:7:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:7:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:7:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:7:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:7:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:7:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:7:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:7:DT:N3	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:O	3:Y:7:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:7:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:7:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:7:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:7:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:7:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:7:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:7:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:8:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:8:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:8:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:8:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:8:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:8:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:8:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:8:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:8:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:8:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:8:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:8:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:8:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:8:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:8:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:8:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:8:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:8:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:8:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:8:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:8:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:8:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:8:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:8:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:8:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:8:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:8:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:8:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:8:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:8:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:8:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:8:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:9:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:9:DT:C2	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:O	3:Y:9:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:9:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:9:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:9:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:9:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:9:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:9:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:9:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:9:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:9:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:9:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:9:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:9:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:9:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:9:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:9:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:9:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:9:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:9:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:9:DT:H73	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:9:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:9:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:9:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:9:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:9:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:9:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:9:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:9:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:9:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:9:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:10:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:10:DA:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:10:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:10:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:10:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:10:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:10:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:10:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:10:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:10:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:10:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:10:DA:H2	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:O	3:Y:10:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:10:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:10:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:10:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:10:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:10:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:10:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:10:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:10:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:10:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:10:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:10:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:10:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:10:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:10:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:10:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:10:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:10:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:10:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:10:DA:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:11:DT:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:11:DT:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:11:DT:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:11:DT:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:11:DT:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:11:DT:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:11:DT:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:11:DT:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:11:DT:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:11:DT:C7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:11:DT:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:11:DT:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:11:DT:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:11:DT:H3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:11:DT:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:11:DT:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:11:DT:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:11:DT:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:11:DT:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:11:DT:H71	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:11:DT:H72	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:11:DT:H73	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:O	3:Y:11:DT:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:11:DT:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:11:DT:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:11:DT:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:11:DT:O4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:11:DT:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:11:DT:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:11:DT:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:11:DT:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:11:DT:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:12:DC:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:12:DC:C2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:12:DC:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:12:DC:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:12:DC:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:12:DC:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:12:DC:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:12:DC:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:12:DC:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:12:DC:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:12:DC:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:12:DC:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:12:DC:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:12:DC:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:12:DC:H41	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:12:DC:H42	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:12:DC:H5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:12:DC:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:12:DC:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:12:DC:H6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:12:DC:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:12:DC:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:12:DC:N4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:12:DC:O2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:12:DC:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:12:DC:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:12:DC:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:12:DC:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:12:DC:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:12:DC:P	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:13:DA:C1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:13:DA:C2	3	0.41	0.13	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,12)	1:B:8:ARG:O	3:Y:13:DA:C2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:13:DA:C3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:13:DA:C4	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:13:DA:C4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:13:DA:C5	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:13:DA:C5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:13:DA:C6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:13:DA:C8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:13:DA:H1'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:13:DA:H2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:13:DA:H2'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:13:DA:H2''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:13:DA:H3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:13:DA:H4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:13:DA:H5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:13:DA:H5''	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:13:DA:H61	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:13:DA:H62	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:13:DA:H8	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:13:DA:N1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:13:DA:N3	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:13:DA:N6	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:13:DA:N7	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:13:DA:N9	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:13:DA:O3'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:13:DA:O4'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:13:DA:O5'	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:13:DA:OP1	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:13:DA:OP2	3	0.41	0.13	0.48
(1,12)	1:B:8:ARG:O	3:Y:13:DA:P	3	0.41	0.13	0.48
(1,20)	1:B:20:THR:C	2:X:3:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:3:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:3:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:3:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:3:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:3:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:3:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:3:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:3:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:3:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:3:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:3:DT:H2'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:C	2:X:3:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:3:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:3:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:3:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:3:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:3:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:3:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:3:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:3:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:3:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:3:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:3:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:3:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:3:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:3:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:3:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:3:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:3:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:3:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:3:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:4:DG:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:4:DG:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:4:DG:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:4:DG:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:4:DG:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:4:DG:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:4:DG:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:4:DG:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:4:DG:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:4:DG:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:4:DG:H1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:4:DG:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:4:DG:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:4:DG:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:4:DG:H21	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:4:DG:H22	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:4:DG:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:4:DG:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:4:DG:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:4:DG:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:4:DG:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:4:DG:N1	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:C	2:X:4:DG:N2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:4:DG:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:4:DG:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:4:DG:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:4:DG:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:4:DG:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:4:DG:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:4:DG:O6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:4:DG:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:4:DG:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:4:DG:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:5:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:5:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:5:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:5:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:5:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:5:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:5:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:5:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:5:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:5:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:5:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:5:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:5:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:5:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:5:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:5:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:5:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:5:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:5:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:5:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:5:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:5:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:5:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:5:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:5:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:5:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:5:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:5:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:5:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:5:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:5:DA:OP2	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:C	2:X:5:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:6:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:6:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:6:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:6:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:6:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:6:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:6:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:6:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:6:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:6:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:6:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:6:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:6:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:6:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:6:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:6:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:6:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:6:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:6:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:6:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:6:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:6:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:6:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:6:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:6:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:6:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:6:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:6:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:6:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:6:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:6:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:6:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:7:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:7:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:7:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:7:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:7:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:7:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:7:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:7:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:7:DA:C6	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:C	2:X:7:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:7:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:7:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:7:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:7:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:7:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:7:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:7:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:7:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:7:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:7:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:7:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:7:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:7:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:7:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:7:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:7:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:7:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:7:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:7:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:7:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:7:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:7:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:8:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:8:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:8:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:8:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:8:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:8:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:8:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:8:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:8:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:8:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:8:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:8:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:8:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:8:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:8:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:8:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:8:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:8:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:8:DT:H6	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:C	2:X:8:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:8:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:8:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:8:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:8:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:8:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:8:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:8:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:8:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:8:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:8:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:8:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:8:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:9:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:9:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:9:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:9:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:9:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:9:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:9:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:9:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:9:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:9:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:9:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:9:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:9:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:9:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:9:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:9:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:9:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:9:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:9:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:9:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:9:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:9:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:9:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:9:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:9:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:9:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:9:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:9:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:9:DA:O5'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:C	2:X:9:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:9:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:9:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:10:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:10:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:10:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:10:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:10:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:10:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:10:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:10:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:10:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:10:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:10:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:10:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:10:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:10:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:10:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:10:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:10:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:10:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:10:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:10:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:10:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:10:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:10:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:10:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:10:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:10:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:10:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:10:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:10:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:10:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:10:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:10:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:11:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:11:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:11:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:11:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:11:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:11:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:11:DA:C5	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:C	2:X:11:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:11:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:11:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:11:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:11:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:11:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:11:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:11:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:11:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:11:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:11:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:11:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:11:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:11:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:11:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:11:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:11:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:11:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:11:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:11:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:11:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:11:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:11:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:11:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:11:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:12:DG:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:12:DG:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:12:DG:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:12:DG:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:12:DG:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:12:DG:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:12:DG:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:12:DG:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:12:DG:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:12:DG:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:12:DG:H1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:12:DG:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:12:DG:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:12:DG:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:12:DG:H21	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:12:DG:H22	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:12:DG:H3'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:C	2:X:12:DG:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:12:DG:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:12:DG:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:12:DG:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:12:DG:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:12:DG:N2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:12:DG:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:12:DG:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:12:DG:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:12:DG:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:12:DG:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:12:DG:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:12:DG:O6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:12:DG:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:12:DG:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:12:DG:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:13:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:13:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:13:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:13:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:13:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:13:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:13:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:13:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:13:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:13:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:13:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:13:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:13:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:13:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:13:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:13:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:13:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:13:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:13:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:13:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:13:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:13:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:13:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:13:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:13:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:13:DT:O3'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:C	2:X:13:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:13:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:13:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:13:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:13:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	2:X:13:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:3:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:3:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:3:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:3:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:3:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:3:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:3:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:3:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:3:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:3:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:3:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:3:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:3:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:3:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:3:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:3:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:3:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:3:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:3:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:3:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:3:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:3:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:3:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:3:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:3:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:3:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:3:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:3:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:3:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:3:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:3:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:3:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:4:DC:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:4:DC:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:4:DC:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:4:DC:C3'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:C	3:Y:4:DC:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:4:DC:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:4:DC:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:4:DC:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:4:DC:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:4:DC:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:4:DC:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:4:DC:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:4:DC:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:4:DC:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:4:DC:H41	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:4:DC:H42	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:4:DC:H5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:4:DC:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:4:DC:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:4:DC:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:4:DC:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:4:DC:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:4:DC:N4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:4:DC:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:4:DC:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:4:DC:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:4:DC:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:4:DC:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:4:DC:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:4:DC:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:5:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:5:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:5:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:5:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:5:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:5:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:5:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:5:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:5:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:5:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:5:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:5:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:5:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:5:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:5:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:5:DT:H4'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:C	3:Y:5:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:5:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:5:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:5:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:5:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:5:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:5:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:5:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:5:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:5:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:5:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:5:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:5:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:5:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:5:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:5:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:6:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:6:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:6:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:6:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:6:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:6:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:6:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:6:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:6:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:6:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:6:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:6:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:6:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:6:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:6:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:6:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:6:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:6:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:6:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:6:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:6:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:6:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:6:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:6:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:6:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:6:DA:N9	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:C	3:Y:6:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:6:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:6:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:6:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:6:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:6:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:7:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:7:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:7:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:7:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:7:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:7:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:7:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:7:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:7:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:7:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:7:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:7:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:7:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:7:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:7:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:7:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:7:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:7:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:7:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:7:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:7:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:7:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:7:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:7:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:7:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:7:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:7:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:7:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:7:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:7:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:7:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:7:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:8:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:8:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:8:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:8:DA:C3'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:C	3:Y:8:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:8:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:8:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:8:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:8:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:8:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:8:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:8:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:8:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:8:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:8:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:8:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:8:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:8:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:8:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:8:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:8:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:8:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:8:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:8:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:8:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:8:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:8:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:8:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:8:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:8:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:8:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:8:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:9:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:9:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:9:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:9:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:9:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:9:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:9:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:9:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:9:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:9:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:9:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:9:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:9:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:9:DT:H3	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:C	3:Y:9:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:9:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:9:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:9:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:9:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:9:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:9:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:9:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:9:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:9:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:9:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:9:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:9:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:9:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:9:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:9:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:9:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:9:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:10:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:10:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:10:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:10:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:10:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:10:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:10:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:10:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:10:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:10:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:10:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:10:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:10:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:10:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:10:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:10:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:10:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:10:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:10:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:10:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:10:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:10:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:10:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:10:DA:N6	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:C	3:Y:10:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:10:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:10:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:10:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:10:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:10:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:10:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:10:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:11:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:11:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:11:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:11:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:11:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:11:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:11:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:11:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:11:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:11:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:11:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:11:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:11:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:11:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:11:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:11:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:11:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:11:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:11:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:11:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:11:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:11:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:11:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:11:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:11:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:11:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:11:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:11:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:11:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:11:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:11:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:11:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:12:DC:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:12:DC:C2	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:C	3:Y:12:DC:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:12:DC:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:12:DC:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:12:DC:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:12:DC:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:12:DC:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:12:DC:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:12:DC:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:12:DC:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:12:DC:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:12:DC:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:12:DC:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:12:DC:H41	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:12:DC:H42	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:12:DC:H5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:12:DC:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:12:DC:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:12:DC:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:12:DC:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:12:DC:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:12:DC:N4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:12:DC:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:12:DC:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:12:DC:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:12:DC:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:12:DC:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:12:DC:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:12:DC:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:13:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:13:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:13:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:13:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:13:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:13:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:13:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:13:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:13:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:13:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:13:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:13:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:13:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:13:DA:H2''	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:C	3:Y:13:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:13:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:13:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:13:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:13:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:13:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:13:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:13:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:13:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:13:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:13:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:13:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:13:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:13:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:13:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:13:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:13:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:C	3:Y:13:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:3:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:3:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:3:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:3:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:3:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:3:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:3:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:3:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:3:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:3:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:3:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:3:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:3:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:3:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:3:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:3:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:3:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:3:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:3:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:3:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:3:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:3:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:3:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:3:DT:N3	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CA	2:X:3:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:3:DT:O3 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:3:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:3:DT:O4 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:3:DT:O5 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:3:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:3:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:3:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:4:DG:C1 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:4:DG:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:4:DG:C2 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:4:DG:C3 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:4:DG:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:4:DG:C4 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:4:DG:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:4:DG:C5 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:4:DG:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:4:DG:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:4:DG:H1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:4:DG:H1 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:4:DG:H2 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:4:DG:H2 ^{??}	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:4:DG:H21	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:4:DG:H22	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:4:DG:H3 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:4:DG:H4 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:4:DG:H5 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:4:DG:H5 ^{??}	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:4:DG:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:4:DG:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:4:DG:N2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:4:DG:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:4:DG:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:4:DG:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:4:DG:O3 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:4:DG:O4 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:4:DG:O5 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:4:DG:O6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:4:DG:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:4:DG:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:4:DG:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:5:DA:C1 [?]	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CA	2:X:5:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:5:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:5:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:5:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:5:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:5:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:5:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:5:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:5:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:5:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:5:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:5:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:5:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:5:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:5:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:5:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:5:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:5:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:5:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:5:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:5:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:5:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:5:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:5:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:5:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:5:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:5:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:5:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:5:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:5:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:5:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:6:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:6:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:6:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:6:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:6:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:6:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:6:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:6:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:6:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:6:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:6:DT:H1'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CA	2:X:6:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:6:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:6:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:6:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:6:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:6:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:6:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:6:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:6:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:6:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:6:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:6:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:6:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:6:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:6:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:6:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:6:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:6:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:6:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:6:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:6:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:7:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:7:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:7:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:7:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:7:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:7:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:7:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:7:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:7:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:7:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:7:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:7:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:7:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:7:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:7:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:7:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:7:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:7:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:7:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:7:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:7:DA:H8	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CA	2:X:7:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:7:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:7:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:7:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:7:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:7:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:7:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:7:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:7:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:7:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:7:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:8:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:8:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:8:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:8:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:8:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:8:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:8:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:8:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:8:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:8:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:8:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:8:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:8:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:8:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:8:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:8:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:8:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:8:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:8:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:8:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:8:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:8:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:8:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:8:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:8:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:8:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:8:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:8:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:8:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:8:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:8:DT:OP2	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CA	2:X:8:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:9:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:9:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:9:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:9:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:9:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:9:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:9:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:9:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:9:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:9:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:9:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:9:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:9:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:9:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:9:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:9:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:9:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:9:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:9:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:9:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:9:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:9:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:9:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:9:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:9:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:9:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:9:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:9:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:9:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:9:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:9:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:9:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:10:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:10:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:10:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:10:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:10:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:10:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:10:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:10:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:10:DT:C6	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CA	2:X:10:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:10:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:10:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:10:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:10:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:10:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:10:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:10:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:10:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:10:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:10:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:10:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:10:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:10:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:10:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:10:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:10:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:10:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:10:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:10:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:10:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:10:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:10:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:11:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:11:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:11:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:11:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:11:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:11:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:11:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:11:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:11:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:11:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:11:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:11:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:11:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:11:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:11:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:11:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:11:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:11:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:11:DA:H61	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CA	2:X:11:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:11:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:11:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:11:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:11:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:11:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:11:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:11:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:11:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:11:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:11:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:11:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:11:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:12:DG:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:12:DG:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:12:DG:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:12:DG:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:12:DG:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:12:DG:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:12:DG:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:12:DG:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:12:DG:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:12:DG:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:12:DG:H1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:12:DG:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:12:DG:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:12:DG:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:12:DG:H21	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:12:DG:H22	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:12:DG:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:12:DG:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:12:DG:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:12:DG:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:12:DG:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:12:DG:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:12:DG:N2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:12:DG:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:12:DG:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:12:DG:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:12:DG:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:12:DG:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:12:DG:O5'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CA	2:X:12:DG:O6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:12:DG:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:12:DG:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:12:DG:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:13:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:13:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:13:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:13:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:13:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:13:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:13:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:13:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:13:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:13:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:13:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:13:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:13:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:13:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:13:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:13:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:13:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:13:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:13:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:13:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:13:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:13:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:13:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:13:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:13:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:13:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:13:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:13:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:13:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:13:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:13:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	2:X:13:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:3:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:3:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:3:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:3:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:3:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:3:DA:C4'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CA	3:Y:3:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:3:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:3:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:3:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:3:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:3:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:3:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:3:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:3:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:3:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:3:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:3:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:3:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:3:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:3:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:3:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:3:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:3:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:3:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:3:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:3:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:3:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:3:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:3:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:3:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:3:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:4:DC:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:4:DC:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:4:DC:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:4:DC:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:4:DC:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:4:DC:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:4:DC:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:4:DC:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:4:DC:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:4:DC:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:4:DC:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:4:DC:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:4:DC:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:4:DC:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:4:DC:H41	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:4:DC:H42	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CA	3:Y:4:DC:H5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:4:DC:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:4:DC:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:4:DC:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:4:DC:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:4:DC:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:4:DC:N4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:4:DC:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:4:DC:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:4:DC:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:4:DC:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:4:DC:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:4:DC:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:4:DC:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:5:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:5:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:5:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:5:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:5:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:5:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:5:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:5:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:5:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:5:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:5:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:5:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:5:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:5:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:5:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:5:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:5:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:5:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:5:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:5:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:5:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:5:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:5:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:5:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:5:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:5:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:5:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:5:DT:O4'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CA	3:Y:5:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:5:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:5:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:5:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:6:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:6:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:6:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:6:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:6:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:6:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:6:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:6:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:6:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:6:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:6:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:6:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:6:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:6:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:6:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:6:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:6:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:6:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:6:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:6:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:6:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:6:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:6:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:6:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:6:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:6:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:6:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:6:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:6:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:6:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:6:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:6:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:7:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:7:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:7:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:7:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:7:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:7:DT:C4'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CA	3:Y:7:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:7:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:7:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:7:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:7:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:7:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:7:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:7:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:7:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:7:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:7:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:7:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:7:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:7:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:7:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:7:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:7:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:7:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:7:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:7:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:7:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:7:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:7:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:7:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:7:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:7:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:8:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:8:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:8:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:8:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:8:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:8:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:8:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:8:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:8:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:8:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:8:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:8:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:8:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:8:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:8:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:8:DA:H4'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CA	3:Y:8:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:8:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:8:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:8:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:8:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:8:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:8:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:8:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:8:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:8:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:8:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:8:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:8:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:8:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:8:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:8:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:9:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:9:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:9:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:9:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:9:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:9:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:9:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:9:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:9:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:9:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:9:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:9:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:9:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:9:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:9:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:9:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:9:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:9:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:9:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:9:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:9:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:9:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:9:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:9:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:9:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:9:DT:O3'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CA	3:Y:9:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:9:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:9:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:9:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:9:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:9:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:10:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:10:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:10:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:10:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:10:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:10:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:10:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:10:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:10:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:10:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:10:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:10:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:10:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:10:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:10:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:10:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:10:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:10:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:10:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:10:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:10:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:10:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:10:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:10:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:10:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:10:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:10:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:10:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:10:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:10:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:10:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:10:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:11:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:11:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:11:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:11:DT:C3'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CA	3:Y:11:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:11:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:11:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:11:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:11:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:11:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:11:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:11:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:11:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:11:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:11:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:11:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:11:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:11:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:11:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:11:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:11:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:11:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:11:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:11:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:11:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:11:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:11:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:11:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:11:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:11:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:11:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:11:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:12:DC:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:12:DC:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:12:DC:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:12:DC:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:12:DC:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:12:DC:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:12:DC:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:12:DC:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:12:DC:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:12:DC:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:12:DC:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:12:DC:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:12:DC:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:12:DC:H4'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CA	3:Y:12:DC:H41	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:12:DC:H42	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:12:DC:H5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:12:DC:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:12:DC:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:12:DC:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:12:DC:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:12:DC:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:12:DC:N4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:12:DC:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:12:DC:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:12:DC:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:12:DC:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:12:DC:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:12:DC:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:12:DC:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:13:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:13:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:13:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:13:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:13:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:13:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:13:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:13:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:13:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:13:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:13:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:13:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:13:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:13:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:13:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:13:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:13:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:13:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:13:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:13:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:13:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:13:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:13:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:13:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:13:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:13:DA:N9	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CA	3:Y:13:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:13:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:13:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:13:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:13:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CA	3:Y:13:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:3:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:3:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:3:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:3:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:3:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:3:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:3:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:3:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:3:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:3:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:3:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:3:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:3:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:3:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:3:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:3:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:3:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:3:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:3:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:3:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:3:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:3:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:3:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:3:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:3:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:3:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:3:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:3:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:3:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:3:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:3:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:3:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:4:DG:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:4:DG:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:4:DG:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:4:DG:C3'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CB	2:X:4:DG:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:4:DG:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:4:DG:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:4:DG:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:4:DG:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:4:DG:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:4:DG:H1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:4:DG:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:4:DG:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:4:DG:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:4:DG:H21	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:4:DG:H22	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:4:DG:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:4:DG:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:4:DG:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:4:DG:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:4:DG:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:4:DG:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:4:DG:N2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:4:DG:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:4:DG:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:4:DG:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:4:DG:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:4:DG:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:4:DG:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:4:DG:O6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:4:DG:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:4:DG:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:4:DG:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:5:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:5:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:5:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:5:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:5:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:5:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:5:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:5:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:5:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:5:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:5:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:5:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:5:DA:H2'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CB	2:X:5:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:5:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:5:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:5:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:5:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:5:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:5:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:5:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:5:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:5:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:5:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:5:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:5:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:5:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:5:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:5:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:5:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:5:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:5:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:6:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:6:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:6:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:6:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:6:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:6:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:6:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:6:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:6:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:6:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:6:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:6:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:6:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:6:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:6:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:6:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:6:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:6:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:6:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:6:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:6:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:6:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:6:DT:N1	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CB	2:X:6:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:6:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:6:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:6:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:6:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:6:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:6:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:6:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:6:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:7:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:7:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:7:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:7:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:7:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:7:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:7:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:7:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:7:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:7:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:7:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:7:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:7:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:7:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:7:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:7:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:7:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:7:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:7:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:7:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:7:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:7:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:7:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:7:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:7:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:7:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:7:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:7:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:7:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:7:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:7:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:7:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:8:DT:C1'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CB	2:X:8:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:8:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:8:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:8:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:8:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:8:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:8:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:8:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:8:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:8:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:8:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:8:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:8:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:8:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:8:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:8:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:8:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:8:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:8:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:8:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:8:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:8:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:8:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:8:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:8:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:8:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:8:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:8:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:8:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:8:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:8:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:9:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:9:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:9:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:9:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:9:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:9:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:9:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:9:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:9:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:9:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:9:DA:H1'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CB	2:X:9:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:9:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:9:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:9:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:9:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:9:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:9:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:9:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:9:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:9:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:9:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:9:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:9:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:9:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:9:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:9:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:9:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:9:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:9:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:9:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:9:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:10:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:10:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:10:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:10:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:10:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:10:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:10:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:10:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:10:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:10:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:10:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:10:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:10:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:10:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:10:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:10:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:10:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:10:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:10:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:10:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:10:DT:H72	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CB	2:X:10:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:10:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:10:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:10:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:10:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:10:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:10:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:10:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:10:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:10:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:10:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:11:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:11:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:11:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:11:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:11:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:11:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:11:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:11:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:11:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:11:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:11:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:11:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:11:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:11:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:11:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:11:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:11:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:11:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:11:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:11:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:11:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:11:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:11:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:11:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:11:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:11:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:11:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:11:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:11:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:11:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:11:DA:OP2	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CB	2:X:11:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:12:DG:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:12:DG:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:12:DG:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:12:DG:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:12:DG:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:12:DG:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:12:DG:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:12:DG:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:12:DG:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:12:DG:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:12:DG:H1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:12:DG:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:12:DG:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:12:DG:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:12:DG:H21	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:12:DG:H22	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:12:DG:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:12:DG:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:12:DG:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:12:DG:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:12:DG:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:12:DG:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:12:DG:N2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:12:DG:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:12:DG:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:12:DG:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:12:DG:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:12:DG:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:12:DG:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:12:DG:O6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:12:DG:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:12:DG:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:12:DG:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:13:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:13:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:13:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:13:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:13:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:13:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:13:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:13:DT:C5'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CB	2:X:13:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:13:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:13:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:13:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:13:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:13:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:13:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:13:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:13:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:13:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:13:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:13:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:13:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:13:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:13:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:13:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:13:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:13:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:13:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:13:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:13:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:13:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:13:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	2:X:13:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:3:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:3:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:3:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:3:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:3:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:3:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:3:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:3:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:3:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:3:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:3:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:3:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:3:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:3:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:3:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:3:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:3:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:3:DA:H5''	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CB	3:Y:3:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:3:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:3:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:3:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:3:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:3:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:3:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:3:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:3:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:3:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:3:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:3:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:3:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:3:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:4:DC:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:4:DC:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:4:DC:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:4:DC:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:4:DC:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:4:DC:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:4:DC:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:4:DC:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:4:DC:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:4:DC:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:4:DC:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:4:DC:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:4:DC:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:4:DC:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:4:DC:H41	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:4:DC:H42	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:4:DC:H5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:4:DC:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:4:DC:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:4:DC:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:4:DC:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:4:DC:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:4:DC:N4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:4:DC:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:4:DC:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:4:DC:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:4:DC:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:4:DC:OP1	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CB	3:Y:4:DC:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:4:DC:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:5:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:5:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:5:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:5:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:5:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:5:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:5:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:5:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:5:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:5:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:5:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:5:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:5:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:5:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:5:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:5:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:5:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:5:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:5:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:5:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:5:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:5:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:5:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:5:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:5:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:5:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:5:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:5:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:5:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:5:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:5:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:5:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:6:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:6:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:6:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:6:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:6:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:6:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:6:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:6:DA:C5'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CB	3:Y:6:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:6:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:6:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:6:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:6:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:6:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:6:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:6:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:6:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:6:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:6:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:6:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:6:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:6:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:6:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:6:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:6:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:6:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:6:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:6:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:6:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:6:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:6:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:6:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:7:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:7:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:7:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:7:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:7:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:7:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:7:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:7:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:7:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:7:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:7:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:7:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:7:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:7:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:7:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:7:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:7:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:7:DT:H5''	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CB	3:Y:7:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:7:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:7:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:7:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:7:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:7:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:7:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:7:DT:O3 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:7:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:7:DT:O4 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:7:DT:O5 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:7:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:7:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:7:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:8:DA:C1 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:8:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:8:DA:C2 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:8:DA:C3 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:8:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:8:DA:C4 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:8:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:8:DA:C5 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:8:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:8:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:8:DA:H1 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:8:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:8:DA:H2 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:8:DA:H2 ^{??}	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:8:DA:H3 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:8:DA:H4 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:8:DA:H5 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:8:DA:H5 ^{??}	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:8:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:8:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:8:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:8:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:8:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:8:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:8:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:8:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:8:DA:O3 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:8:DA:O4 [?]	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CB	3:Y:8:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:8:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:8:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:8:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:9:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:9:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:9:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:9:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:9:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:9:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:9:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:9:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:9:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:9:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:9:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:9:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:9:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:9:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:9:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:9:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:9:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:9:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:9:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:9:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:9:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:9:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:9:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:9:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:9:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:9:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:9:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:9:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:9:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:9:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:9:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:9:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:10:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:10:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:10:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:10:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:10:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:10:DA:C4'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CB	3:Y:10:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:10:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:10:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:10:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:10:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:10:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:10:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:10:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:10:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:10:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:10:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:10:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:10:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:10:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:10:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:10:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:10:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:10:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:10:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:10:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:10:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:10:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:10:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:10:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:10:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:10:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:11:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:11:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:11:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:11:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:11:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:11:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:11:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:11:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:11:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:11:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:11:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:11:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:11:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:11:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:11:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:11:DT:H4'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CB	3:Y:11:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:11:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:11:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:11:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:11:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:11:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:11:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:11:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:11:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:11:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:11:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:11:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:11:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:11:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:11:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:11:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:12:DC:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:12:DC:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:12:DC:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:12:DC:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:12:DC:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:12:DC:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:12:DC:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:12:DC:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:12:DC:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:12:DC:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:12:DC:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:12:DC:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:12:DC:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:12:DC:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:12:DC:H41	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:12:DC:H42	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:12:DC:H5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:12:DC:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:12:DC:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:12:DC:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:12:DC:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:12:DC:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:12:DC:N4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:12:DC:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:12:DC:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:12:DC:O4'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CB	3:Y:12:DC:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:12:DC:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:12:DC:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:12:DC:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:13:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:13:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:13:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:13:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:13:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:13:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:13:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:13:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:13:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:13:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:13:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:13:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:13:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:13:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:13:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:13:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:13:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:13:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:13:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:13:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:13:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:13:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:13:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:13:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:13:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:13:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:13:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:13:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:13:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:13:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:13:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CB	3:Y:13:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:3:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:3:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:3:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:3:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:3:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:3:DT:C4'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CG2	2:X:3:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:3:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:3:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:3:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:3:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:3:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:3:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:3:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:3:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:3:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:3:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:3:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:3:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:3:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:3:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:3:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:3:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:3:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:3:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:3:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:3:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:3:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:3:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:3:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:3:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:3:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:4:DG:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:4:DG:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:4:DG:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:4:DG:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:4:DG:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:4:DG:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:4:DG:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:4:DG:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:4:DG:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:4:DG:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:4:DG:H1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:4:DG:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:4:DG:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:4:DG:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:4:DG:H21	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:4:DG:H22	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CG2	2:X:4:DG:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:4:DG:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:4:DG:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:4:DG:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:4:DG:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:4:DG:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:4:DG:N2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:4:DG:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:4:DG:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:4:DG:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:4:DG:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:4:DG:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:4:DG:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:4:DG:O6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:4:DG:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:4:DG:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:4:DG:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:5:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:5:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:5:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:5:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:5:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:5:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:5:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:5:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:5:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:5:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:5:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:5:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:5:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:5:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:5:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:5:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:5:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:5:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:5:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:5:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:5:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:5:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:5:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:5:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:5:DA:N7	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CG2	2:X:5:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:5:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:5:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:5:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:5:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:5:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:5:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:6:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:6:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:6:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:6:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:6:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:6:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:6:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:6:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:6:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:6:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:6:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:6:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:6:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:6:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:6:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:6:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:6:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:6:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:6:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:6:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:6:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:6:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:6:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:6:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:6:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:6:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:6:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:6:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:6:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:6:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:6:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:6:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:7:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:7:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:7:DA:C2'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CG2	2:X:7:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:7:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:7:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:7:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:7:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:7:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:7:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:7:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:7:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:7:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:7:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:7:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:7:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:7:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:7:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:7:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:7:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:7:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:7:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:7:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:7:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:7:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:7:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:7:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:7:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:7:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:7:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:7:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:7:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:8:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:8:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:8:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:8:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:8:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:8:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:8:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:8:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:8:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:8:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:8:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:8:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:8:DT:H2''	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CG2	2:X:8:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:8:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:8:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:8:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:8:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:8:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:8:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:8:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:8:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:8:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:8:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:8:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:8:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:8:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:8:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:8:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:8:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:8:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:8:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:9:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:9:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:9:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:9:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:9:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:9:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:9:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:9:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:9:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:9:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:9:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:9:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:9:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:9:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:9:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:9:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:9:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:9:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:9:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:9:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:9:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:9:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:9:DA:N3	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CG2	2:X:9:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:9:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:9:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:9:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:9:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:9:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:9:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:9:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:9:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:10:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:10:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:10:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:10:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:10:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:10:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:10:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:10:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:10:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:10:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:10:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:10:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:10:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:10:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:10:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:10:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:10:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:10:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:10:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:10:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:10:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:10:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:10:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:10:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:10:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:10:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:10:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:10:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:10:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:10:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:10:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:10:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:11:DA:C1'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CG2	2:X:11:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:11:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:11:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:11:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:11:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:11:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:11:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:11:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:11:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:11:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:11:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:11:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:11:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:11:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:11:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:11:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:11:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:11:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:11:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:11:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:11:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:11:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:11:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:11:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:11:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:11:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:11:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:11:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:11:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:11:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:11:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:12:DG:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:12:DG:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:12:DG:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:12:DG:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:12:DG:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:12:DG:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:12:DG:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:12:DG:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:12:DG:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:12:DG:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:12:DG:H1	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CG2	2:X:12:DG:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:12:DG:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:12:DG:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:12:DG:H21	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:12:DG:H22	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:12:DG:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:12:DG:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:12:DG:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:12:DG:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:12:DG:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:12:DG:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:12:DG:N2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:12:DG:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:12:DG:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:12:DG:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:12:DG:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:12:DG:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:12:DG:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:12:DG:O6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:12:DG:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:12:DG:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:12:DG:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:13:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:13:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:13:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:13:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:13:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:13:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:13:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:13:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:13:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:13:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:13:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:13:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:13:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:13:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:13:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:13:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:13:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:13:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:13:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:13:DT:H71	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CG2	2:X:13:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:13:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:13:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:13:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:13:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:13:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:13:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:13:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:13:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:13:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:13:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	2:X:13:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:3:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:3:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:3:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:3:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:3:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:3:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:3:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:3:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:3:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:3:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:3:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:3:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:3:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:3:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:3:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:3:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:3:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:3:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:3:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:3:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:3:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:3:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:3:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:3:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:3:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:3:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:3:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:3:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:3:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:3:DA:OP1	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CG2	3:Y:3:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:3:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:4:DC:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:4:DC:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:4:DC:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:4:DC:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:4:DC:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:4:DC:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:4:DC:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:4:DC:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:4:DC:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:4:DC:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:4:DC:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:4:DC:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:4:DC:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:4:DC:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:4:DC:H41	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:4:DC:H42	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:4:DC:H5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:4:DC:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:4:DC:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:4:DC:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:4:DC:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:4:DC:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:4:DC:N4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:4:DC:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:4:DC:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:4:DC:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:4:DC:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:4:DC:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:4:DC:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:4:DC:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:5:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:5:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:5:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:5:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:5:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:5:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:5:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:5:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:5:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:5:DT:C7	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CG2	3:Y:5:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:5:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:5:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:5:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:5:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:5:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:5:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:5:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:5:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:5:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:5:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:5:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:5:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:5:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:5:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:5:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:5:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:5:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:5:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:5:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:5:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:5:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:6:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:6:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:6:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:6:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:6:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:6:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:6:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:6:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:6:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:6:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:6:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:6:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:6:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:6:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:6:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:6:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:6:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:6:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:6:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:6:DA:H62	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CG2	3:Y:6:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:6:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:6:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:6:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:6:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:6:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:6:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:6:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:6:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:6:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:6:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:6:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:7:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:7:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:7:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:7:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:7:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:7:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:7:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:7:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:7:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:7:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:7:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:7:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:7:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:7:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:7:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:7:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:7:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:7:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:7:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:7:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:7:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:7:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:7:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:7:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:7:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:7:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:7:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:7:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:7:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:7:DT:OP1	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CG2	3:Y:7:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:7:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:8:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:8:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:8:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:8:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:8:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:8:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:8:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:8:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:8:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:8:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:8:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:8:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:8:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:8:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:8:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:8:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:8:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:8:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:8:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:8:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:8:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:8:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:8:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:8:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:8:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:8:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:8:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:8:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:8:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:8:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:8:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:8:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:9:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:9:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:9:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:9:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:9:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:9:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:9:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:9:DT:C5'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CG2	3:Y:9:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:9:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:9:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:9:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:9:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:9:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:9:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:9:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:9:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:9:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:9:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:9:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:9:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:9:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:9:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:9:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:9:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:9:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:9:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:9:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:9:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:9:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:9:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:9:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:10:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:10:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:10:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:10:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:10:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:10:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:10:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:10:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:10:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:10:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:10:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:10:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:10:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:10:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:10:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:10:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:10:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:10:DA:H5''	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CG2	3:Y:10:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:10:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:10:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:10:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:10:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:10:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:10:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:10:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:10:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:10:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:10:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:10:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:10:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:10:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:11:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:11:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:11:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:11:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:11:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:11:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:11:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:11:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:11:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:11:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:11:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:11:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:11:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:11:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:11:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:11:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:11:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:11:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:11:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:11:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:11:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:11:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:11:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:11:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:11:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:11:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:11:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:11:DT:O4'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CG2	3:Y:11:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:11:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:11:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:11:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:12:DC:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:12:DC:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:12:DC:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:12:DC:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:12:DC:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:12:DC:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:12:DC:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:12:DC:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:12:DC:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:12:DC:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:12:DC:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:12:DC:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:12:DC:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:12:DC:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:12:DC:H41	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:12:DC:H42	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:12:DC:H5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:12:DC:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:12:DC:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:12:DC:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:12:DC:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:12:DC:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:12:DC:N4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:12:DC:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:12:DC:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:12:DC:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:12:DC:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:12:DC:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:12:DC:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:12:DC:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:13:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:13:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:13:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:13:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:13:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:13:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:13:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:13:DA:C5'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:CG2	3:Y:13:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:13:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:13:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:13:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:13:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:13:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:13:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:13:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:13:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:13:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:13:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:13:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:13:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:13:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:13:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:13:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:13:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:13:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:13:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:13:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:13:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:13:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:13:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:CG2	3:Y:13:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:3:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:3:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:3:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:3:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:3:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:3:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:3:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:3:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:3:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:3:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:3:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:3:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:3:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:3:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:3:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:3:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:3:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:3:DT:H5''	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:H	2:X:3:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:3:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:3:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:3:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:3:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:3:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:3:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:3:DT:O3 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:3:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:3:DT:O4 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:3:DT:O5 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:3:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:3:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:3:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:4:DG:C1 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:4:DG:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:4:DG:C2 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:4:DG:C3 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:4:DG:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:4:DG:C4 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:4:DG:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:4:DG:C5 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:4:DG:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:4:DG:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:4:DG:H1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:4:DG:H1 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:4:DG:H2 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:4:DG:H2 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:4:DG:H21	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:4:DG:H22	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:4:DG:H3 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:4:DG:H4 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:4:DG:H5 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:4:DG:H5 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:4:DG:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:4:DG:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:4:DG:N2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:4:DG:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:4:DG:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:4:DG:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:4:DG:O3 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:4:DG:O4 [?]	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:H	2:X:4:DG:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:4:DG:O6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:4:DG:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:4:DG:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:4:DG:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:5:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:5:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:5:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:5:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:5:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:5:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:5:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:5:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:5:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:5:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:5:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:5:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:5:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:5:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:5:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:5:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:5:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:5:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:5:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:5:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:5:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:5:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:5:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:5:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:5:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:5:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:5:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:5:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:5:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:5:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:5:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:5:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:6:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:6:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:6:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:6:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:6:DT:C4	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:H	2:X:6:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:6:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:6:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:6:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:6:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:6:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:6:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:6:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:6:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:6:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:6:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:6:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:6:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:6:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:6:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:6:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:6:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:6:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:6:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:6:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:6:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:6:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:6:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:6:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:6:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:6:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:6:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:7:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:7:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:7:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:7:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:7:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:7:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:7:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:7:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:7:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:7:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:7:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:7:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:7:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:7:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:7:DA:H3'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:H	2:X:7:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:7:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:7:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:7:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:7:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:7:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:7:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:7:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:7:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:7:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:7:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:7:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:7:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:7:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:7:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:7:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:7:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:8:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:8:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:8:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:8:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:8:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:8:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:8:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:8:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:8:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:8:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:8:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:8:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:8:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:8:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:8:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:8:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:8:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:8:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:8:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:8:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:8:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:8:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:8:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:8:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:8:DT:O2	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:H	2:X:8:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:8:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:8:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:8:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:8:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:8:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:8:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:9:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:9:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:9:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:9:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:9:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:9:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:9:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:9:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:9:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:9:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:9:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:9:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:9:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:9:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:9:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:9:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:9:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:9:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:9:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:9:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:9:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:9:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:9:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:9:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:9:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:9:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:9:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:9:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:9:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:9:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:9:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:9:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:10:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:10:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:10:DT:C2'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:H	2:X:10:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:10:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:10:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:10:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:10:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:10:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:10:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:10:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:10:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:10:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:10:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:10:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:10:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:10:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:10:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:10:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:10:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:10:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:10:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:10:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:10:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:10:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:10:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:10:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:10:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:10:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:10:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:10:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:10:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:11:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:11:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:11:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:11:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:11:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:11:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:11:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:11:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:11:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:11:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:11:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:11:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:11:DA:H2'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:H	2:X:11:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:11:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:11:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:11:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:11:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:11:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:11:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:11:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:11:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:11:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:11:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:11:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:11:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:11:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:11:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:11:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:11:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:11:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:11:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:12:DG:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:12:DG:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:12:DG:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:12:DG:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:12:DG:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:12:DG:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:12:DG:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:12:DG:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:12:DG:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:12:DG:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:12:DG:H1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:12:DG:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:12:DG:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:12:DG:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:12:DG:H21	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:12:DG:H22	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:12:DG:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:12:DG:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:12:DG:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:12:DG:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:12:DG:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:12:DG:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:12:DG:N2	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:H	2:X:12:DG:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:12:DG:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:12:DG:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:12:DG:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:12:DG:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:12:DG:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:12:DG:O6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:12:DG:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:12:DG:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:12:DG:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:13:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:13:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:13:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:13:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:13:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:13:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:13:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:13:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:13:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:13:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:13:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:13:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:13:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:13:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:13:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:13:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:13:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:13:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:13:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:13:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:13:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:13:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:13:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:13:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:13:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:13:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:13:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:13:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:13:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:13:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:13:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	2:X:13:DT:P	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:H	3:Y:3:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:3:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:3:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:3:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:3:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:3:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:3:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:3:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:3:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:3:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:3:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:3:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:3:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:3:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:3:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:3:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:3:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:3:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:3:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:3:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:3:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:3:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:3:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:3:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:3:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:3:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:3:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:3:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:3:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:3:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:3:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:3:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:4:DC:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:4:DC:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:4:DC:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:4:DC:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:4:DC:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:4:DC:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:4:DC:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:4:DC:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:4:DC:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:4:DC:H1'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:H	3:Y:4:DC:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:4:DC:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:4:DC:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:4:DC:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:4:DC:H41	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:4:DC:H42	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:4:DC:H5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:4:DC:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:4:DC:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:4:DC:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:4:DC:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:4:DC:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:4:DC:N4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:4:DC:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:4:DC:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:4:DC:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:4:DC:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:4:DC:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:4:DC:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:4:DC:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:5:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:5:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:5:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:5:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:5:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:5:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:5:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:5:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:5:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:5:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:5:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:5:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:5:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:5:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:5:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:5:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:5:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:5:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:5:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:5:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:5:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:5:DT:H73	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:H	3:Y:5:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:5:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:5:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:5:DT:O3 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:5:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:5:DT:O4 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:5:DT:O5 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:5:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:5:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:5:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:6:DA:C1 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:6:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:6:DA:C2 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:6:DA:C3 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:6:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:6:DA:C4 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:6:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:6:DA:C5 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:6:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:6:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:6:DA:H1 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:6:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:6:DA:H2 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:6:DA:H2 ^{??}	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:6:DA:H3 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:6:DA:H4 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:6:DA:H5 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:6:DA:H5 ^{??}	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:6:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:6:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:6:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:6:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:6:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:6:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:6:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:6:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:6:DA:O3 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:6:DA:O4 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:6:DA:O5 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:6:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:6:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:6:DA:P	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:H	3:Y:7:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:7:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:7:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:7:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:7:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:7:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:7:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:7:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:7:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:7:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:7:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:7:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:7:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:7:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:7:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:7:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:7:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:7:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:7:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:7:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:7:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:7:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:7:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:7:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:7:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:7:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:7:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:7:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:7:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:7:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:7:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:7:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:8:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:8:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:8:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:8:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:8:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:8:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:8:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:8:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:8:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:8:DA:C8	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:H	3:Y:8:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:8:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:8:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:8:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:8:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:8:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:8:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:8:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:8:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:8:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:8:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:8:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:8:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:8:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:8:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:8:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:8:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:8:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:8:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:8:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:8:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:8:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:9:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:9:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:9:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:9:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:9:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:9:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:9:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:9:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:9:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:9:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:9:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:9:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:9:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:9:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:9:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:9:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:9:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:9:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:9:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:9:DT:H71	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:H	3:Y:9:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:9:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:9:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:9:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:9:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:9:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:9:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:9:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:9:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:9:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:9:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:9:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:10:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:10:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:10:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:10:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:10:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:10:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:10:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:10:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:10:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:10:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:10:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:10:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:10:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:10:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:10:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:10:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:10:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:10:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:10:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:10:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:10:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:10:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:10:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:10:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:10:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:10:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:10:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:10:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:10:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:10:DA:OP1	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:H	3:Y:10:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:10:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:11:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:11:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:11:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:11:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:11:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:11:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:11:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:11:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:11:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:11:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:11:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:11:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:11:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:11:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:11:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:11:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:11:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:11:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:11:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:11:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:11:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:11:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:11:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:11:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:11:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:11:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:11:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:11:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:11:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:11:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:11:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:11:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:12:DC:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:12:DC:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:12:DC:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:12:DC:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:12:DC:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:12:DC:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:12:DC:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:12:DC:C5'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:H	3:Y:12:DC:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:12:DC:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:12:DC:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:12:DC:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:12:DC:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:12:DC:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:12:DC:H41	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:12:DC:H42	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:12:DC:H5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:12:DC:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:12:DC:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:12:DC:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:12:DC:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:12:DC:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:12:DC:N4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:12:DC:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:12:DC:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:12:DC:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:12:DC:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:12:DC:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:12:DC:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:12:DC:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:13:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:13:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:13:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:13:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:13:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:13:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:13:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:13:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:13:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:13:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:13:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:13:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:13:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:13:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:13:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:13:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:13:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:13:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:13:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:13:DA:H62	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:H	3:Y:13:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:13:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:13:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:13:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:13:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:13:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:13:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:13:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:13:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:13:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:13:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:H	3:Y:13:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:3:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:3:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:3:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:3:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:3:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:3:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:3:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:3:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:3:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:3:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:3:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:3:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:3:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:3:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:3:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:3:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:3:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:3:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:3:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:3:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:3:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:3:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:3:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:3:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:3:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:3:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:3:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:3:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:3:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:3:DT:OP1	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:HG1	2:X:3:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:3:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:4:DG:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:4:DG:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:4:DG:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:4:DG:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:4:DG:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:4:DG:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:4:DG:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:4:DG:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:4:DG:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:4:DG:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:4:DG:H1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:4:DG:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:4:DG:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:4:DG:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:4:DG:H21	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:4:DG:H22	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:4:DG:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:4:DG:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:4:DG:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:4:DG:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:4:DG:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:4:DG:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:4:DG:N2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:4:DG:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:4:DG:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:4:DG:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:4:DG:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:4:DG:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:4:DG:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:4:DG:O6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:4:DG:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:4:DG:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:4:DG:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:5:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:5:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:5:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:5:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:5:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:5:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:5:DA:C5	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:HG1	2:X:5:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:5:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:5:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:5:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:5:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:5:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:5:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:5:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:5:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:5:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:5:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:5:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:5:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:5:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:5:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:5:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:5:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:5:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:5:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:5:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:5:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:5:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:5:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:5:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:5:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:6:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:6:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:6:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:6:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:6:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:6:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:6:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:6:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:6:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:6:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:6:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:6:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:6:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:6:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:6:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:6:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:6:DT:H5'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:HG1	2:X:6:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:6:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:6:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:6:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:6:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:6:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:6:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:6:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:6:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:6:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:6:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:6:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:6:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:6:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:6:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:7:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:7:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:7:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:7:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:7:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:7:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:7:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:7:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:7:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:7:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:7:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:7:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:7:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:7:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:7:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:7:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:7:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:7:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:7:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:7:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:7:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:7:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:7:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:7:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:7:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:7:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:7:DA:O3'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:HG1	2:X:7:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:7:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:7:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:7:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:7:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:8:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:8:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:8:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:8:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:8:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:8:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:8:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:8:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:8:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:8:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:8:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:8:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:8:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:8:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:8:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:8:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:8:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:8:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:8:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:8:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:8:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:8:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:8:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:8:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:8:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:8:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:8:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:8:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:8:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:8:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:8:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:8:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:9:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:9:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:9:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:9:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:9:DA:C4	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:HG1	2:X:9:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:9:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:9:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:9:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:9:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:9:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:9:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:9:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:9:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:9:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:9:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:9:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:9:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:9:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:9:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:9:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:9:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:9:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:9:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:9:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:9:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:9:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:9:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:9:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:9:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:9:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:9:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:10:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:10:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:10:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:10:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:10:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:10:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:10:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:10:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:10:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:10:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:10:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:10:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:10:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:10:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:10:DT:H3'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:HG1	2:X:10:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:10:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:10:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:10:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:10:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:10:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:10:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:10:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:10:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:10:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:10:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:10:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:10:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:10:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:10:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:10:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:10:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:11:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:11:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:11:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:11:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:11:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:11:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:11:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:11:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:11:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:11:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:11:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:11:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:11:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:11:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:11:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:11:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:11:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:11:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:11:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:11:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:11:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:11:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:11:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:11:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:11:DA:N7	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:HG1	2:X:11:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:11:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:11:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:11:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:11:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:11:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:11:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:12:DG:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:12:DG:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:12:DG:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:12:DG:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:12:DG:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:12:DG:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:12:DG:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:12:DG:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:12:DG:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:12:DG:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:12:DG:H1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:12:DG:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:12:DG:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:12:DG:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:12:DG:H21	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:12:DG:H22	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:12:DG:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:12:DG:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:12:DG:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:12:DG:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:12:DG:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:12:DG:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:12:DG:N2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:12:DG:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:12:DG:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:12:DG:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:12:DG:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:12:DG:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:12:DG:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:12:DG:O6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:12:DG:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:12:DG:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:12:DG:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:13:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:13:DT:C2	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:HG1	2:X:13:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:13:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:13:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:13:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:13:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:13:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:13:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:13:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:13:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:13:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:13:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:13:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:13:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:13:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:13:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:13:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:13:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:13:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:13:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:13:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:13:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:13:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:13:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:13:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:13:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:13:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:13:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:13:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:13:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	2:X:13:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:3:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:3:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:3:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:3:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:3:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:3:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:3:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:3:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:3:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:3:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:3:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:3:DA:H2	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:HG1	3:Y:3:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:3:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:3:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:3:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:3:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:3:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:3:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:3:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:3:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:3:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:3:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:3:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:3:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:3:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:3:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:3:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:3:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:3:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:3:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:3:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:4:DC:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:4:DC:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:4:DC:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:4:DC:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:4:DC:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:4:DC:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:4:DC:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:4:DC:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:4:DC:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:4:DC:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:4:DC:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:4:DC:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:4:DC:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:4:DC:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:4:DC:H41	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:4:DC:H42	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:4:DC:H5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:4:DC:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:4:DC:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:4:DC:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:4:DC:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:4:DC:N3	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:HG1	3:Y:4:DC:N4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:4:DC:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:4:DC:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:4:DC:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:4:DC:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:4:DC:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:4:DC:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:4:DC:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:5:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:5:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:5:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:5:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:5:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:5:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:5:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:5:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:5:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:5:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:5:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:5:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:5:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:5:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:5:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:5:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:5:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:5:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:5:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:5:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:5:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:5:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:5:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:5:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:5:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:5:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:5:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:5:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:5:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:5:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:5:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:5:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:6:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:6:DA:C2	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:HG1	3:Y:6:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:6:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:6:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:6:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:6:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:6:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:6:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:6:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:6:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:6:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:6:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:6:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:6:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:6:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:6:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:6:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:6:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:6:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:6:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:6:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:6:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:6:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:6:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:6:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:6:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:6:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:6:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:6:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:6:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:6:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:7:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:7:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:7:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:7:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:7:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:7:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:7:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:7:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:7:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:7:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:7:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:7:DT:H2'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:HG1	3:Y:7:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:7:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:7:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:7:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:7:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:7:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:7:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:7:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:7:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:7:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:7:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:7:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:7:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:7:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:7:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:7:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:7:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:7:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:7:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:7:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:8:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:8:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:8:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:8:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:8:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:8:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:8:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:8:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:8:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:8:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:8:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:8:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:8:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:8:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:8:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:8:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:8:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:8:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:8:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:8:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:8:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:8:DA:N1	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:HG1	3:Y:8:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:8:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:8:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:8:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:8:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:8:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:8:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:8:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:8:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:8:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:9:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:9:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:9:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:9:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:9:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:9:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:9:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:9:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:9:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:9:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:9:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:9:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:9:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:9:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:9:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:9:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:9:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:9:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:9:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:9:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:9:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:9:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:9:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:9:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:9:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:9:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:9:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:9:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:9:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:9:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:9:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:9:DT:P	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:HG1	3:Y:10:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:10:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:10:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:10:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:10:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:10:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:10:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:10:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:10:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:10:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:10:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:10:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:10:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:10:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:10:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:10:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:10:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:10:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:10:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:10:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:10:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:10:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:10:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:10:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:10:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:10:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:10:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:10:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:10:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:10:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:10:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:10:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:11:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:11:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:11:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:11:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:11:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:11:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:11:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:11:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:11:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:11:DT:C7	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:HG1	3:Y:11:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:11:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:11:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:11:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:11:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:11:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:11:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:11:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:11:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:11:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:11:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:11:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:11:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:11:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:11:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:11:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:11:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:11:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:11:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:11:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:11:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:11:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:12:DC:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:12:DC:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:12:DC:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:12:DC:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:12:DC:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:12:DC:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:12:DC:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:12:DC:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:12:DC:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:12:DC:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:12:DC:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:12:DC:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:12:DC:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:12:DC:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:12:DC:H41	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:12:DC:H42	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:12:DC:H5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:12:DC:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:12:DC:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:12:DC:H6	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:HG1	3:Y:12:DC:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:12:DC:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:12:DC:N4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:12:DC:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:12:DC:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:12:DC:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:12:DC:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:12:DC:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:12:DC:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:12:DC:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:13:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:13:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:13:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:13:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:13:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:13:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:13:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:13:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:13:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:13:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:13:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:13:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:13:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:13:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:13:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:13:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:13:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:13:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:13:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:13:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:13:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:13:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:13:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:13:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:13:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:13:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:13:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:13:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:13:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:13:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:13:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:HG1	3:Y:13:DA:P	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:N	2:X:3:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:3:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:3:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:3:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:3:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:3:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:3:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:3:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:3:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:3:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:3:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:3:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:3:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:3:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:3:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:3:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:3:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:3:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:3:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:3:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:3:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:3:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:3:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:3:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:3:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:3:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:3:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:3:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:3:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:3:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:3:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:3:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:4:DG:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:4:DG:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:4:DG:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:4:DG:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:4:DG:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:4:DG:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:4:DG:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:4:DG:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:4:DG:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:4:DG:C8	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:N	2:X:4:DG:H1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:4:DG:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:4:DG:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:4:DG:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:4:DG:H21	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:4:DG:H22	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:4:DG:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:4:DG:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:4:DG:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:4:DG:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:4:DG:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:4:DG:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:4:DG:N2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:4:DG:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:4:DG:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:4:DG:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:4:DG:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:4:DG:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:4:DG:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:4:DG:O6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:4:DG:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:4:DG:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:4:DG:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:5:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:5:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:5:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:5:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:5:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:5:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:5:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:5:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:5:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:5:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:5:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:5:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:5:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:5:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:5:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:5:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:5:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:5:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:5:DA:H61	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:N	2:X:5:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:5:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:5:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:5:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:5:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:5:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:5:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:5:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:5:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:5:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:5:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:5:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:5:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:6:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:6:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:6:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:6:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:6:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:6:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:6:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:6:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:6:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:6:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:6:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:6:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:6:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:6:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:6:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:6:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:6:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:6:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:6:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:6:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:6:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:6:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:6:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:6:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:6:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:6:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:6:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:6:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:6:DT:O5'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:N	2:X:6:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:6:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:6:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:7:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:7:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:7:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:7:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:7:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:7:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:7:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:7:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:7:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:7:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:7:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:7:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:7:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:7:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:7:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:7:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:7:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:7:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:7:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:7:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:7:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:7:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:7:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:7:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:7:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:7:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:7:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:7:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:7:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:7:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:7:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:7:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:8:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:8:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:8:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:8:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:8:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:8:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:8:DT:C5	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:N	2:X:8:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:8:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:8:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:8:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:8:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:8:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:8:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:8:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:8:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:8:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:8:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:8:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:8:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:8:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:8:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:8:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:8:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:8:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:8:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:8:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:8:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:8:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:8:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:8:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:8:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:9:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:9:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:9:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:9:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:9:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:9:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:9:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:9:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:9:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:9:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:9:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:9:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:9:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:9:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:9:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:9:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:9:DA:H5'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:N	2:X:9:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:9:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:9:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:9:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:9:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:9:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:9:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:9:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:9:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:9:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:9:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:9:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:9:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:9:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:9:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:10:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:10:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:10:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:10:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:10:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:10:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:10:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:10:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:10:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:10:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:10:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:10:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:10:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:10:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:10:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:10:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:10:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:10:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:10:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:10:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:10:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:10:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:10:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:10:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:10:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:10:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:10:DT:O4	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:N	2:X:10:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:10:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:10:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:10:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:10:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:11:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:11:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:11:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:11:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:11:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:11:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:11:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:11:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:11:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:11:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:11:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:11:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:11:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:11:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:11:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:11:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:11:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:11:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:11:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:11:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:11:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:11:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:11:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:11:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:11:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:11:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:11:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:11:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:11:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:11:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:11:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:11:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:12:DG:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:12:DG:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:12:DG:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:12:DG:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:12:DG:C4	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:N	2:X:12:DG:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:12:DG:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:12:DG:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:12:DG:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:12:DG:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:12:DG:H1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:12:DG:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:12:DG:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:12:DG:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:12:DG:H21	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:12:DG:H22	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:12:DG:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:12:DG:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:12:DG:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:12:DG:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:12:DG:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:12:DG:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:12:DG:N2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:12:DG:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:12:DG:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:12:DG:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:12:DG:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:12:DG:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:12:DG:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:12:DG:O6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:12:DG:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:12:DG:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:12:DG:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:13:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:13:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:13:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:13:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:13:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:13:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:13:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:13:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:13:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:13:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:13:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:13:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:13:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:13:DT:H3	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:N	2:X:13:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:13:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:13:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:13:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:13:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:13:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:13:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:13:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:13:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:13:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:13:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:13:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:13:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:13:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:13:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:13:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:13:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	2:X:13:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:3:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:3:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:3:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:3:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:3:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:3:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:3:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:3:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:3:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:3:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:3:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:3:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:3:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:3:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:3:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:3:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:3:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:3:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:3:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:3:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:3:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:3:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:3:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:3:DA:N6	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:N	3:Y:3:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:3:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:3:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:3:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:3:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:3:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:3:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:3:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:4:DC:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:4:DC:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:4:DC:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:4:DC:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:4:DC:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:4:DC:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:4:DC:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:4:DC:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:4:DC:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:4:DC:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:4:DC:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:4:DC:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:4:DC:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:4:DC:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:4:DC:H41	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:4:DC:H42	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:4:DC:H5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:4:DC:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:4:DC:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:4:DC:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:4:DC:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:4:DC:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:4:DC:N4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:4:DC:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:4:DC:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:4:DC:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:4:DC:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:4:DC:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:4:DC:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:4:DC:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:5:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:5:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:5:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:5:DT:C3'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:N	3:Y:5:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:5:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:5:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:5:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:5:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:5:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:5:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:5:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:5:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:5:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:5:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:5:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:5:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:5:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:5:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:5:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:5:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:5:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:5:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:5:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:5:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:5:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:5:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:5:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:5:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:5:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:5:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:5:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:6:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:6:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:6:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:6:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:6:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:6:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:6:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:6:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:6:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:6:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:6:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:6:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:6:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:6:DA:H2''	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:N	3:Y:6:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:6:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:6:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:6:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:6:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:6:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:6:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:6:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:6:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:6:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:6:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:6:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:6:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:6:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:6:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:6:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:6:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:6:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:7:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:7:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:7:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:7:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:7:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:7:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:7:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:7:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:7:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:7:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:7:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:7:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:7:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:7:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:7:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:7:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:7:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:7:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:7:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:7:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:7:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:7:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:7:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:7:DT:N3	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:N	3:Y:7:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:7:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:7:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:7:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:7:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:7:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:7:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:7:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:8:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:8:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:8:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:8:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:8:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:8:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:8:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:8:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:8:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:8:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:8:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:8:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:8:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:8:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:8:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:8:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:8:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:8:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:8:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:8:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:8:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:8:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:8:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:8:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:8:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:8:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:8:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:8:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:8:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:8:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:8:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:8:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:9:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:9:DT:C2	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:N	3:Y:9:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:9:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:9:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:9:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:9:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:9:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:9:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:9:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:9:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:9:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:9:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:9:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:9:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:9:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:9:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:9:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:9:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:9:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:9:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:9:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:9:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:9:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:9:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:9:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:9:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:9:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:9:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:9:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:9:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:9:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:10:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:10:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:10:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:10:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:10:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:10:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:10:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:10:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:10:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:10:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:10:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:10:DA:H2	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:N	3:Y:10:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:10:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:10:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:10:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:10:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:10:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:10:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:10:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:10:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:10:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:10:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:10:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:10:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:10:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:10:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:10:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:10:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:10:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:10:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:10:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:11:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:11:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:11:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:11:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:11:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:11:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:11:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:11:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:11:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:11:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:11:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:11:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:11:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:11:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:11:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:11:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:11:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:11:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:11:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:11:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:11:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:11:DT:H73	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:N	3:Y:11:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:11:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:11:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:11:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:11:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:11:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:11:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:11:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:11:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:11:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:12:DC:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:12:DC:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:12:DC:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:12:DC:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:12:DC:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:12:DC:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:12:DC:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:12:DC:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:12:DC:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:12:DC:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:12:DC:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:12:DC:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:12:DC:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:12:DC:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:12:DC:H41	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:12:DC:H42	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:12:DC:H5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:12:DC:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:12:DC:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:12:DC:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:12:DC:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:12:DC:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:12:DC:N4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:12:DC:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:12:DC:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:12:DC:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:12:DC:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:12:DC:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:12:DC:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:12:DC:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:13:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:13:DA:C2	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:N	3:Y:13:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:13:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:13:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:13:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:13:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:13:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:13:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:13:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:13:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:13:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:13:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:13:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:13:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:13:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:13:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:13:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:13:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:13:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:13:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:13:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:13:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:13:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:13:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:13:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:13:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:13:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:13:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:13:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:13:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:N	3:Y:13:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:3:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:3:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:3:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:3:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:3:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:3:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:3:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:3:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:3:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:3:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:3:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:3:DT:H2'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:O	2:X:3:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:3:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:3:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:3:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:3:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:3:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:3:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:3:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:3:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:3:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:3:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:3:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:3:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:3:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:3:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:3:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:3:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:3:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:3:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:3:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:4:DG:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:4:DG:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:4:DG:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:4:DG:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:4:DG:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:4:DG:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:4:DG:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:4:DG:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:4:DG:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:4:DG:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:4:DG:H1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:4:DG:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:4:DG:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:4:DG:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:4:DG:H21	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:4:DG:H22	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:4:DG:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:4:DG:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:4:DG:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:4:DG:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:4:DG:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:4:DG:N1	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:O	2:X:4:DG:N2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:4:DG:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:4:DG:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:4:DG:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:4:DG:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:4:DG:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:4:DG:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:4:DG:O6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:4:DG:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:4:DG:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:4:DG:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:5:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:5:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:5:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:5:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:5:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:5:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:5:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:5:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:5:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:5:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:5:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:5:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:5:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:5:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:5:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:5:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:5:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:5:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:5:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:5:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:5:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:5:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:5:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:5:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:5:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:5:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:5:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:5:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:5:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:5:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:5:DA:OP2	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:O	2:X:5:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:6:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:6:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:6:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:6:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:6:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:6:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:6:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:6:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:6:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:6:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:6:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:6:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:6:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:6:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:6:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:6:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:6:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:6:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:6:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:6:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:6:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:6:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:6:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:6:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:6:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:6:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:6:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:6:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:6:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:6:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:6:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:6:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:7:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:7:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:7:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:7:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:7:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:7:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:7:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:7:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:7:DA:C6	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:O	2:X:7:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:7:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:7:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:7:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:7:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:7:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:7:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:7:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:7:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:7:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:7:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:7:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:7:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:7:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:7:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:7:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:7:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:7:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:7:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:7:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:7:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:7:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:7:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:8:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:8:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:8:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:8:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:8:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:8:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:8:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:8:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:8:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:8:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:8:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:8:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:8:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:8:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:8:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:8:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:8:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:8:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:8:DT:H6	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:O	2:X:8:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:8:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:8:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:8:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:8:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:8:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:8:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:8:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:8:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:8:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:8:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:8:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:8:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:9:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:9:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:9:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:9:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:9:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:9:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:9:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:9:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:9:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:9:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:9:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:9:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:9:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:9:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:9:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:9:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:9:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:9:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:9:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:9:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:9:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:9:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:9:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:9:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:9:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:9:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:9:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:9:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:9:DA:O5'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:O	2:X:9:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:9:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:9:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:10:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:10:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:10:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:10:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:10:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:10:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:10:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:10:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:10:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:10:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:10:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:10:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:10:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:10:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:10:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:10:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:10:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:10:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:10:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:10:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:10:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:10:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:10:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:10:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:10:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:10:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:10:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:10:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:10:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:10:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:10:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:10:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:11:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:11:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:11:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:11:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:11:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:11:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:11:DA:C5	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:O	2:X:11:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:11:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:11:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:11:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:11:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:11:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:11:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:11:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:11:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:11:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:11:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:11:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:11:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:11:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:11:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:11:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:11:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:11:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:11:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:11:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:11:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:11:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:11:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:11:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:11:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:12:DG:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:12:DG:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:12:DG:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:12:DG:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:12:DG:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:12:DG:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:12:DG:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:12:DG:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:12:DG:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:12:DG:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:12:DG:H1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:12:DG:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:12:DG:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:12:DG:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:12:DG:H21	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:12:DG:H22	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:12:DG:H3'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:O	2:X:12:DG:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:12:DG:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:12:DG:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:12:DG:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:12:DG:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:12:DG:N2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:12:DG:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:12:DG:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:12:DG:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:12:DG:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:12:DG:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:12:DG:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:12:DG:O6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:12:DG:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:12:DG:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:12:DG:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:13:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:13:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:13:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:13:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:13:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:13:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:13:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:13:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:13:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:13:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:13:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:13:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:13:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:13:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:13:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:13:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:13:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:13:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:13:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:13:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:13:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:13:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:13:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:13:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:13:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:13:DT:O3'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:O	2:X:13:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:13:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:13:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:13:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:13:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	2:X:13:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:3:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:3:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:3:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:3:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:3:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:3:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:3:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:3:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:3:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:3:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:3:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:3:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:3:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:3:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:3:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:3:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:3:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:3:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:3:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:3:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:3:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:3:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:3:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:3:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:3:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:3:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:3:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:3:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:3:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:3:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:3:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:3:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:4:DC:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:4:DC:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:4:DC:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:4:DC:C3'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:O	3:Y:4:DC:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:4:DC:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:4:DC:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:4:DC:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:4:DC:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:4:DC:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:4:DC:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:4:DC:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:4:DC:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:4:DC:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:4:DC:H41	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:4:DC:H42	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:4:DC:H5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:4:DC:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:4:DC:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:4:DC:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:4:DC:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:4:DC:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:4:DC:N4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:4:DC:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:4:DC:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:4:DC:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:4:DC:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:4:DC:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:4:DC:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:4:DC:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:5:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:5:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:5:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:5:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:5:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:5:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:5:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:5:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:5:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:5:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:5:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:5:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:5:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:5:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:5:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:5:DT:H4'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:O	3:Y:5:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:5:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:5:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:5:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:5:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:5:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:5:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:5:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:5:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:5:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:5:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:5:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:5:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:5:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:5:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:5:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:6:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:6:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:6:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:6:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:6:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:6:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:6:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:6:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:6:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:6:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:6:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:6:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:6:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:6:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:6:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:6:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:6:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:6:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:6:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:6:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:6:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:6:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:6:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:6:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:6:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:6:DA:N9	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:O	3:Y:6:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:6:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:6:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:6:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:6:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:6:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:7:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:7:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:7:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:7:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:7:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:7:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:7:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:7:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:7:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:7:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:7:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:7:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:7:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:7:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:7:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:7:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:7:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:7:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:7:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:7:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:7:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:7:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:7:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:7:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:7:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:7:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:7:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:7:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:7:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:7:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:7:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:7:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:8:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:8:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:8:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:8:DA:C3'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:O	3:Y:8:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:8:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:8:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:8:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:8:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:8:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:8:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:8:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:8:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:8:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:8:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:8:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:8:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:8:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:8:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:8:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:8:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:8:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:8:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:8:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:8:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:8:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:8:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:8:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:8:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:8:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:8:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:8:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:9:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:9:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:9:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:9:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:9:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:9:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:9:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:9:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:9:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:9:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:9:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:9:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:9:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:9:DT:H3	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:O	3:Y:9:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:9:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:9:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:9:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:9:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:9:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:9:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:9:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:9:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:9:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:9:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:9:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:9:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:9:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:9:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:9:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:9:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:9:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:10:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:10:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:10:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:10:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:10:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:10:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:10:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:10:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:10:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:10:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:10:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:10:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:10:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:10:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:10:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:10:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:10:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:10:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:10:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:10:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:10:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:10:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:10:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:10:DA:N6	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:O	3:Y:10:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:10:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:10:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:10:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:10:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:10:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:10:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:10:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:11:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:11:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:11:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:11:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:11:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:11:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:11:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:11:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:11:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:11:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:11:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:11:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:11:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:11:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:11:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:11:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:11:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:11:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:11:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:11:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:11:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:11:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:11:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:11:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:11:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:11:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:11:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:11:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:11:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:11:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:11:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:11:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:12:DC:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:12:DC:C2	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:O	3:Y:12:DC:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:12:DC:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:12:DC:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:12:DC:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:12:DC:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:12:DC:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:12:DC:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:12:DC:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:12:DC:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:12:DC:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:12:DC:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:12:DC:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:12:DC:H41	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:12:DC:H42	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:12:DC:H5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:12:DC:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:12:DC:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:12:DC:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:12:DC:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:12:DC:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:12:DC:N4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:12:DC:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:12:DC:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:12:DC:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:12:DC:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:12:DC:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:12:DC:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:12:DC:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:13:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:13:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:13:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:13:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:13:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:13:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:13:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:13:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:13:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:13:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:13:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:13:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:13:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:13:DA:H2''	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:O	3:Y:13:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:13:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:13:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:13:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:13:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:13:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:13:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:13:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:13:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:13:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:13:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:13:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:13:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:13:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:13:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:13:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:13:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:O	3:Y:13:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:3:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:3:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:3:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:3:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:3:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:3:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:3:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:3:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:3:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:3:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:3:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:3:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:3:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:3:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:3:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:3:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:3:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:3:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:3:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:3:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:3:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:3:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:3:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:3:DT:N3	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:OG1	2:X:3:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:3:DT:O3 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:3:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:3:DT:O4 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:3:DT:O5 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:3:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:3:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:3:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:4:DG:C1 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:4:DG:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:4:DG:C2 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:4:DG:C3 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:4:DG:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:4:DG:C4 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:4:DG:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:4:DG:C5 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:4:DG:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:4:DG:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:4:DG:H1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:4:DG:H1 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:4:DG:H2 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:4:DG:H2 ^{??}	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:4:DG:H21	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:4:DG:H22	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:4:DG:H3 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:4:DG:H4 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:4:DG:H5 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:4:DG:H5 ^{??}	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:4:DG:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:4:DG:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:4:DG:N2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:4:DG:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:4:DG:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:4:DG:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:4:DG:O3 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:4:DG:O4 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:4:DG:O5 [?]	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:4:DG:O6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:4:DG:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:4:DG:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:4:DG:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:5:DA:C1 [?]	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:OG1	2:X:5:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:5:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:5:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:5:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:5:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:5:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:5:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:5:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:5:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:5:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:5:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:5:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:5:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:5:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:5:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:5:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:5:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:5:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:5:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:5:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:5:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:5:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:5:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:5:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:5:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:5:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:5:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:5:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:5:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:5:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:5:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:6:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:6:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:6:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:6:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:6:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:6:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:6:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:6:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:6:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:6:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:6:DT:H1'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:OG1	2:X:6:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:6:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:6:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:6:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:6:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:6:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:6:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:6:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:6:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:6:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:6:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:6:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:6:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:6:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:6:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:6:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:6:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:6:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:6:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:6:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:6:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:7:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:7:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:7:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:7:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:7:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:7:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:7:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:7:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:7:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:7:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:7:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:7:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:7:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:7:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:7:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:7:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:7:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:7:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:7:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:7:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:7:DA:H8	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:OG1	2:X:7:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:7:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:7:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:7:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:7:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:7:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:7:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:7:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:7:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:7:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:7:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:8:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:8:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:8:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:8:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:8:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:8:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:8:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:8:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:8:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:8:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:8:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:8:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:8:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:8:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:8:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:8:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:8:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:8:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:8:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:8:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:8:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:8:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:8:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:8:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:8:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:8:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:8:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:8:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:8:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:8:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:8:DT:OP2	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:OG1	2:X:8:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:9:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:9:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:9:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:9:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:9:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:9:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:9:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:9:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:9:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:9:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:9:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:9:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:9:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:9:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:9:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:9:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:9:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:9:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:9:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:9:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:9:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:9:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:9:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:9:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:9:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:9:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:9:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:9:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:9:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:9:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:9:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:9:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:10:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:10:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:10:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:10:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:10:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:10:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:10:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:10:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:10:DT:C6	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:OG1	2:X:10:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:10:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:10:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:10:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:10:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:10:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:10:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:10:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:10:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:10:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:10:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:10:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:10:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:10:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:10:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:10:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:10:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:10:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:10:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:10:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:10:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:10:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:10:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:11:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:11:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:11:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:11:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:11:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:11:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:11:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:11:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:11:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:11:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:11:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:11:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:11:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:11:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:11:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:11:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:11:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:11:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:11:DA:H61	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:OG1	2:X:11:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:11:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:11:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:11:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:11:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:11:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:11:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:11:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:11:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:11:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:11:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:11:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:11:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:12:DG:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:12:DG:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:12:DG:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:12:DG:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:12:DG:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:12:DG:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:12:DG:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:12:DG:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:12:DG:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:12:DG:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:12:DG:H1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:12:DG:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:12:DG:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:12:DG:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:12:DG:H21	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:12:DG:H22	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:12:DG:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:12:DG:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:12:DG:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:12:DG:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:12:DG:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:12:DG:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:12:DG:N2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:12:DG:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:12:DG:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:12:DG:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:12:DG:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:12:DG:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:12:DG:O5'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:OG1	2:X:12:DG:O6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:12:DG:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:12:DG:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:12:DG:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:13:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:13:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:13:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:13:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:13:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:13:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:13:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:13:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:13:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:13:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:13:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:13:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:13:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:13:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:13:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:13:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:13:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:13:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:13:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:13:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:13:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:13:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:13:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:13:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:13:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:13:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:13:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:13:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:13:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:13:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:13:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	2:X:13:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:3:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:3:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:3:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:3:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:3:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:3:DA:C4'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:OG1	3:Y:3:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:3:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:3:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:3:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:3:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:3:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:3:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:3:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:3:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:3:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:3:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:3:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:3:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:3:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:3:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:3:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:3:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:3:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:3:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:3:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:3:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:3:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:3:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:3:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:3:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:3:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:4:DC:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:4:DC:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:4:DC:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:4:DC:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:4:DC:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:4:DC:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:4:DC:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:4:DC:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:4:DC:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:4:DC:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:4:DC:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:4:DC:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:4:DC:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:4:DC:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:4:DC:H41	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:4:DC:H42	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:OG1	3:Y:4:DC:H5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:4:DC:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:4:DC:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:4:DC:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:4:DC:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:4:DC:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:4:DC:N4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:4:DC:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:4:DC:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:4:DC:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:4:DC:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:4:DC:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:4:DC:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:4:DC:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:5:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:5:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:5:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:5:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:5:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:5:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:5:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:5:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:5:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:5:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:5:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:5:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:5:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:5:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:5:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:5:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:5:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:5:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:5:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:5:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:5:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:5:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:5:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:5:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:5:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:5:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:5:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:5:DT:O4'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:OG1	3:Y:5:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:5:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:5:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:5:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:6:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:6:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:6:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:6:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:6:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:6:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:6:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:6:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:6:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:6:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:6:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:6:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:6:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:6:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:6:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:6:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:6:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:6:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:6:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:6:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:6:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:6:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:6:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:6:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:6:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:6:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:6:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:6:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:6:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:6:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:6:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:6:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:7:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:7:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:7:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:7:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:7:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:7:DT:C4'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:OG1	3:Y:7:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:7:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:7:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:7:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:7:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:7:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:7:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:7:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:7:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:7:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:7:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:7:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:7:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:7:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:7:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:7:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:7:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:7:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:7:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:7:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:7:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:7:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:7:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:7:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:7:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:7:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:8:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:8:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:8:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:8:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:8:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:8:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:8:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:8:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:8:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:8:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:8:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:8:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:8:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:8:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:8:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:8:DA:H4'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:OG1	3:Y:8:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:8:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:8:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:8:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:8:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:8:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:8:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:8:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:8:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:8:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:8:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:8:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:8:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:8:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:8:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:8:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:9:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:9:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:9:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:9:DT:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:9:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:9:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:9:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:9:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:9:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:9:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:9:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:9:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:9:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:9:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:9:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:9:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:9:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:9:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:9:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:9:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:9:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:9:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:9:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:9:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:9:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:9:DT:O3'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:OG1	3:Y:9:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:9:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:9:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:9:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:9:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:9:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:10:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:10:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:10:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:10:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:10:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:10:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:10:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:10:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:10:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:10:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:10:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:10:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:10:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:10:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:10:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:10:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:10:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:10:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:10:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:10:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:10:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:10:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:10:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:10:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:10:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:10:DA:N9	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:10:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:10:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:10:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:10:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:10:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:10:DA:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:11:DT:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:11:DT:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:11:DT:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:11:DT:C3'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:OG1	3:Y:11:DT:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:11:DT:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:11:DT:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:11:DT:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:11:DT:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:11:DT:C7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:11:DT:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:11:DT:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:11:DT:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:11:DT:H3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:11:DT:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:11:DT:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:11:DT:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:11:DT:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:11:DT:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:11:DT:H71	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:11:DT:H72	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:11:DT:H73	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:11:DT:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:11:DT:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:11:DT:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:11:DT:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:11:DT:O4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:11:DT:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:11:DT:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:11:DT:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:11:DT:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:11:DT:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:12:DC:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:12:DC:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:12:DC:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:12:DC:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:12:DC:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:12:DC:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:12:DC:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:12:DC:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:12:DC:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:12:DC:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:12:DC:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:12:DC:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:12:DC:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:12:DC:H4'	3	0.32	0.17	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:OG1	3:Y:12:DC:H41	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:12:DC:H42	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:12:DC:H5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:12:DC:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:12:DC:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:12:DC:H6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:12:DC:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:12:DC:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:12:DC:N4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:12:DC:O2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:12:DC:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:12:DC:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:12:DC:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:12:DC:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:12:DC:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:12:DC:P	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:13:DA:C1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:13:DA:C2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:13:DA:C2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:13:DA:C3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:13:DA:C4	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:13:DA:C4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:13:DA:C5	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:13:DA:C5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:13:DA:C6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:13:DA:C8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:13:DA:H1'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:13:DA:H2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:13:DA:H2'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:13:DA:H2''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:13:DA:H3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:13:DA:H4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:13:DA:H5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:13:DA:H5''	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:13:DA:H61	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:13:DA:H62	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:13:DA:H8	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:13:DA:N1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:13:DA:N3	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:13:DA:N6	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:13:DA:N7	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:13:DA:N9	3	0.32	0.17	0.21

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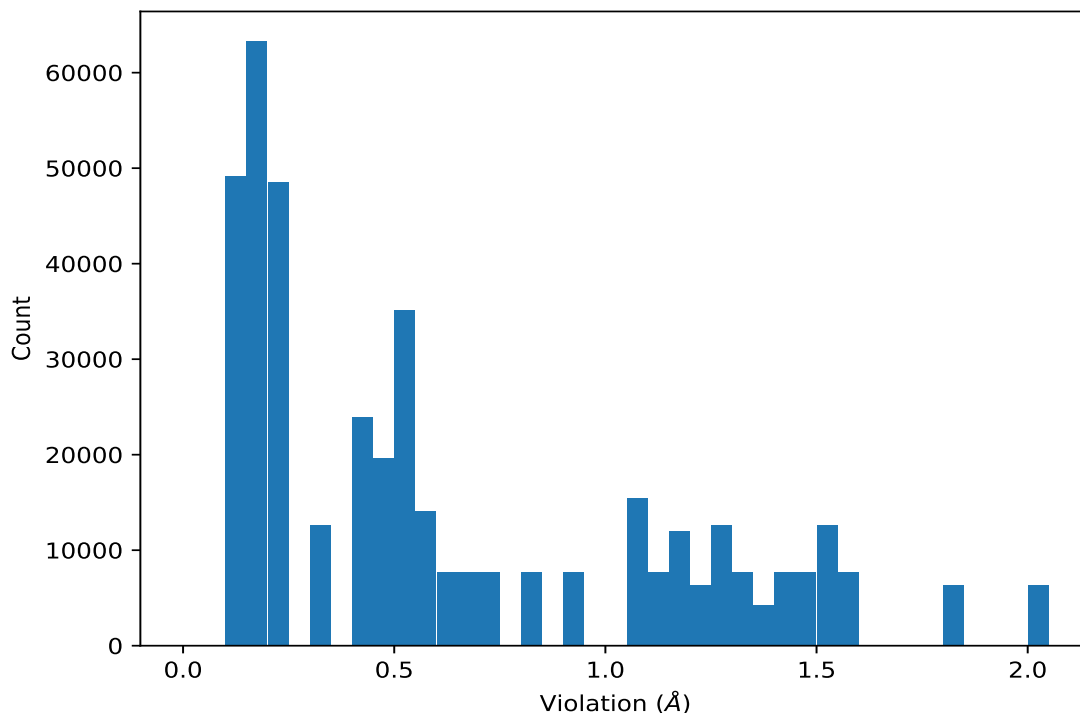
Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,20)	1:B:20:THR:OG1	3:Y:13:DA:O3'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:13:DA:O4'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:13:DA:O5'	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:13:DA:OP1	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:13:DA:OP2	3	0.32	0.17	0.21
(1,20)	1:B:20:THR:OG1	3:Y:13:DA:P	3	0.32	0.17	0.21
(1,9)	1:A:19:ALA:C	2:X:3:DT:C1'	2	1.28	0.1	1.28

¹Number of violated models, ²Standard deviation

9.5 All violated distance restraints [i](#)

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

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



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

The following table provides the 10 worst performing restraints, sorted by the violation value. The Key (restraint list ID, restraint ID) is the unique identifier for a given restraint. Rows with same key represent combinatorial or ambiguous restraints and are counted as a single restraint.

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:C	2:X:3:DT:C1'	6	2.02
(1,10)	1:A:20:THR:C	2:X:3:DT:C2	6	2.02
(1,10)	1:A:20:THR:C	2:X:3:DT:C2'	6	2.02
(1,10)	1:A:20:THR:C	2:X:3:DT:C3'	6	2.02
(1,10)	1:A:20:THR:C	2:X:3:DT:C4	6	2.02
(1,10)	1:A:20:THR:C	2:X:3:DT:C4'	6	2.02
(1,10)	1:A:20:THR:C	2:X:3:DT:C5	6	2.02
(1,10)	1:A:20:THR:C	2:X:3:DT:C5'	6	2.02
(1,10)	1:A:20:THR:C	2:X:3:DT:C6	6	2.02
(1,10)	1:A:20:THR:C	2:X:3:DT:C7	6	2.02
(1,10)	1:A:20:THR:C	2:X:3:DT:H1'	6	2.02
(1,10)	1:A:20:THR:C	2:X:3:DT:H2'	6	2.02
(1,10)	1:A:20:THR:C	2:X:3:DT:H2''	6	2.02
(1,10)	1:A:20:THR:C	2:X:3:DT:H3	6	2.02
(1,10)	1:A:20:THR:C	2:X:3:DT:H3'	6	2.02
(1,10)	1:A:20:THR:C	2:X:3:DT:H4'	6	2.02
(1,10)	1:A:20:THR:C	2:X:3:DT:H5'	6	2.02
(1,10)	1:A:20:THR:C	2:X:3:DT:H5''	6	2.02
(1,10)	1:A:20:THR:C	2:X:3:DT:H6	6	2.02
(1,10)	1:A:20:THR:C	2:X:3:DT:H71	6	2.02
(1,10)	1:A:20:THR:C	2:X:3:DT:H72	6	2.02
(1,10)	1:A:20:THR:C	2:X:3:DT:H73	6	2.02
(1,10)	1:A:20:THR:C	2:X:3:DT:N1	6	2.02
(1,10)	1:A:20:THR:C	2:X:3:DT:N3	6	2.02
(1,10)	1:A:20:THR:C	2:X:3:DT:O2	6	2.02
(1,10)	1:A:20:THR:C	2:X:3:DT:O3'	6	2.02
(1,10)	1:A:20:THR:C	2:X:3:DT:O4	6	2.02
(1,10)	1:A:20:THR:C	2:X:3:DT:O4'	6	2.02
(1,10)	1:A:20:THR:C	2:X:3:DT:O5'	6	2.02
(1,10)	1:A:20:THR:C	2:X:3:DT:OP1	6	2.02
(1,10)	1:A:20:THR:C	2:X:3:DT:OP2	6	2.02
(1,10)	1:A:20:THR:C	2:X:3:DT:P	6	2.02
(1,10)	1:A:20:THR:C	2:X:4:DG:C1'	6	2.02
(1,10)	1:A:20:THR:C	2:X:4:DG:C2	6	2.02
(1,10)	1:A:20:THR:C	2:X:4:DG:C2'	6	2.02
(1,10)	1:A:20:THR:C	2:X:4:DG:C3'	6	2.02
(1,10)	1:A:20:THR:C	2:X:4:DG:C4	6	2.02
(1,10)	1:A:20:THR:C	2:X:4:DG:C4'	6	2.02
(1,10)	1:A:20:THR:C	2:X:4:DG:C5	6	2.02
(1,10)	1:A:20:THR:C	2:X:4:DG:C5'	6	2.02
(1,10)	1:A:20:THR:C	2:X:4:DG:C6	6	2.02
(1,10)	1:A:20:THR:C	2:X:4:DG:C8	6	2.02
(1,10)	1:A:20:THR:C	2:X:4:DG:H1	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:C	2:X:4:DG:H1'	6	2.02
(1,10)	1:A:20:THR:C	2:X:4:DG:H2'	6	2.02
(1,10)	1:A:20:THR:C	2:X:4:DG:H2''	6	2.02
(1,10)	1:A:20:THR:C	2:X:4:DG:H21	6	2.02
(1,10)	1:A:20:THR:C	2:X:4:DG:H22	6	2.02
(1,10)	1:A:20:THR:C	2:X:4:DG:H3'	6	2.02
(1,10)	1:A:20:THR:C	2:X:4:DG:H4'	6	2.02
(1,10)	1:A:20:THR:C	2:X:4:DG:H5'	6	2.02
(1,10)	1:A:20:THR:C	2:X:4:DG:H5''	6	2.02
(1,10)	1:A:20:THR:C	2:X:4:DG:H8	6	2.02
(1,10)	1:A:20:THR:C	2:X:4:DG:N1	6	2.02
(1,10)	1:A:20:THR:C	2:X:4:DG:N2	6	2.02
(1,10)	1:A:20:THR:C	2:X:4:DG:N3	6	2.02
(1,10)	1:A:20:THR:C	2:X:4:DG:N7	6	2.02
(1,10)	1:A:20:THR:C	2:X:4:DG:N9	6	2.02
(1,10)	1:A:20:THR:C	2:X:4:DG:O3'	6	2.02
(1,10)	1:A:20:THR:C	2:X:4:DG:O4'	6	2.02
(1,10)	1:A:20:THR:C	2:X:4:DG:O5'	6	2.02
(1,10)	1:A:20:THR:C	2:X:4:DG:O6	6	2.02
(1,10)	1:A:20:THR:C	2:X:4:DG:OP1	6	2.02
(1,10)	1:A:20:THR:C	2:X:4:DG:OP2	6	2.02
(1,10)	1:A:20:THR:C	2:X:4:DG:P	6	2.02
(1,10)	1:A:20:THR:C	2:X:5:DA:C1'	6	2.02
(1,10)	1:A:20:THR:C	2:X:5:DA:C2	6	2.02
(1,10)	1:A:20:THR:C	2:X:5:DA:C2'	6	2.02
(1,10)	1:A:20:THR:C	2:X:5:DA:C3'	6	2.02
(1,10)	1:A:20:THR:C	2:X:5:DA:C4	6	2.02
(1,10)	1:A:20:THR:C	2:X:5:DA:C4'	6	2.02
(1,10)	1:A:20:THR:C	2:X:5:DA:C5	6	2.02
(1,10)	1:A:20:THR:C	2:X:5:DA:C5'	6	2.02
(1,10)	1:A:20:THR:C	2:X:5:DA:C6	6	2.02
(1,10)	1:A:20:THR:C	2:X:5:DA:C8	6	2.02
(1,10)	1:A:20:THR:C	2:X:5:DA:H1'	6	2.02
(1,10)	1:A:20:THR:C	2:X:5:DA:H2	6	2.02
(1,10)	1:A:20:THR:C	2:X:5:DA:H2'	6	2.02
(1,10)	1:A:20:THR:C	2:X:5:DA:H2''	6	2.02
(1,10)	1:A:20:THR:C	2:X:5:DA:H3'	6	2.02
(1,10)	1:A:20:THR:C	2:X:5:DA:H4'	6	2.02
(1,10)	1:A:20:THR:C	2:X:5:DA:H5'	6	2.02
(1,10)	1:A:20:THR:C	2:X:5:DA:H5''	6	2.02
(1,10)	1:A:20:THR:C	2:X:5:DA:H61	6	2.02
(1,10)	1:A:20:THR:C	2:X:5:DA:H62	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:C	2:X:5:DA:H8	6	2.02
(1,10)	1:A:20:THR:C	2:X:5:DA:N1	6	2.02
(1,10)	1:A:20:THR:C	2:X:5:DA:N3	6	2.02
(1,10)	1:A:20:THR:C	2:X:5:DA:N6	6	2.02
(1,10)	1:A:20:THR:C	2:X:5:DA:N7	6	2.02
(1,10)	1:A:20:THR:C	2:X:5:DA:N9	6	2.02
(1,10)	1:A:20:THR:C	2:X:5:DA:O3'	6	2.02
(1,10)	1:A:20:THR:C	2:X:5:DA:O4'	6	2.02
(1,10)	1:A:20:THR:C	2:X:5:DA:O5'	6	2.02
(1,10)	1:A:20:THR:C	2:X:5:DA:OP1	6	2.02
(1,10)	1:A:20:THR:C	2:X:5:DA:OP2	6	2.02
(1,10)	1:A:20:THR:C	2:X:5:DA:P	6	2.02
(1,10)	1:A:20:THR:C	2:X:6:DT:C1'	6	2.02
(1,10)	1:A:20:THR:C	2:X:6:DT:C2	6	2.02
(1,10)	1:A:20:THR:C	2:X:6:DT:C2'	6	2.02
(1,10)	1:A:20:THR:C	2:X:6:DT:C3'	6	2.02
(1,10)	1:A:20:THR:C	2:X:6:DT:C4	6	2.02
(1,10)	1:A:20:THR:C	2:X:6:DT:C4'	6	2.02
(1,10)	1:A:20:THR:C	2:X:6:DT:C5	6	2.02
(1,10)	1:A:20:THR:C	2:X:6:DT:C5'	6	2.02
(1,10)	1:A:20:THR:C	2:X:6:DT:C6	6	2.02
(1,10)	1:A:20:THR:C	2:X:6:DT:C7	6	2.02
(1,10)	1:A:20:THR:C	2:X:6:DT:H1'	6	2.02
(1,10)	1:A:20:THR:C	2:X:6:DT:H2'	6	2.02
(1,10)	1:A:20:THR:C	2:X:6:DT:H2''	6	2.02
(1,10)	1:A:20:THR:C	2:X:6:DT:H3	6	2.02
(1,10)	1:A:20:THR:C	2:X:6:DT:H3'	6	2.02
(1,10)	1:A:20:THR:C	2:X:6:DT:H4'	6	2.02
(1,10)	1:A:20:THR:C	2:X:6:DT:H5'	6	2.02
(1,10)	1:A:20:THR:C	2:X:6:DT:H5''	6	2.02
(1,10)	1:A:20:THR:C	2:X:6:DT:H6	6	2.02
(1,10)	1:A:20:THR:C	2:X:6:DT:H71	6	2.02
(1,10)	1:A:20:THR:C	2:X:6:DT:H72	6	2.02
(1,10)	1:A:20:THR:C	2:X:6:DT:H73	6	2.02
(1,10)	1:A:20:THR:C	2:X:6:DT:N1	6	2.02
(1,10)	1:A:20:THR:C	2:X:6:DT:N3	6	2.02
(1,10)	1:A:20:THR:C	2:X:6:DT:O2	6	2.02
(1,10)	1:A:20:THR:C	2:X:6:DT:O3'	6	2.02
(1,10)	1:A:20:THR:C	2:X:6:DT:O4	6	2.02
(1,10)	1:A:20:THR:C	2:X:6:DT:O4'	6	2.02
(1,10)	1:A:20:THR:C	2:X:6:DT:O5'	6	2.02
(1,10)	1:A:20:THR:C	2:X:6:DT:OP1	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:C	2:X:6:DT:OP2	6	2.02
(1,10)	1:A:20:THR:C	2:X:6:DT:P	6	2.02
(1,10)	1:A:20:THR:C	2:X:7:DA:C1'	6	2.02
(1,10)	1:A:20:THR:C	2:X:7:DA:C2	6	2.02
(1,10)	1:A:20:THR:C	2:X:7:DA:C2'	6	2.02
(1,10)	1:A:20:THR:C	2:X:7:DA:C3'	6	2.02
(1,10)	1:A:20:THR:C	2:X:7:DA:C4	6	2.02
(1,10)	1:A:20:THR:C	2:X:7:DA:C4'	6	2.02
(1,10)	1:A:20:THR:C	2:X:7:DA:C5	6	2.02
(1,10)	1:A:20:THR:C	2:X:7:DA:C5'	6	2.02
(1,10)	1:A:20:THR:C	2:X:7:DA:C6	6	2.02
(1,10)	1:A:20:THR:C	2:X:7:DA:C8	6	2.02
(1,10)	1:A:20:THR:C	2:X:7:DA:H1'	6	2.02
(1,10)	1:A:20:THR:C	2:X:7:DA:H2	6	2.02
(1,10)	1:A:20:THR:C	2:X:7:DA:H2'	6	2.02
(1,10)	1:A:20:THR:C	2:X:7:DA:H2''	6	2.02
(1,10)	1:A:20:THR:C	2:X:7:DA:H3'	6	2.02
(1,10)	1:A:20:THR:C	2:X:7:DA:H4'	6	2.02
(1,10)	1:A:20:THR:C	2:X:7:DA:H5'	6	2.02
(1,10)	1:A:20:THR:C	2:X:7:DA:H5''	6	2.02
(1,10)	1:A:20:THR:C	2:X:7:DA:H61	6	2.02
(1,10)	1:A:20:THR:C	2:X:7:DA:H62	6	2.02
(1,10)	1:A:20:THR:C	2:X:7:DA:H8	6	2.02
(1,10)	1:A:20:THR:C	2:X:7:DA:N1	6	2.02
(1,10)	1:A:20:THR:C	2:X:7:DA:N3	6	2.02
(1,10)	1:A:20:THR:C	2:X:7:DA:N6	6	2.02
(1,10)	1:A:20:THR:C	2:X:7:DA:N7	6	2.02
(1,10)	1:A:20:THR:C	2:X:7:DA:N9	6	2.02
(1,10)	1:A:20:THR:C	2:X:7:DA:O3'	6	2.02
(1,10)	1:A:20:THR:C	2:X:7:DA:O4'	6	2.02
(1,10)	1:A:20:THR:C	2:X:7:DA:O5'	6	2.02
(1,10)	1:A:20:THR:C	2:X:7:DA:OP1	6	2.02
(1,10)	1:A:20:THR:C	2:X:7:DA:OP2	6	2.02
(1,10)	1:A:20:THR:C	2:X:7:DA:P	6	2.02
(1,10)	1:A:20:THR:C	2:X:8:DT:C1'	6	2.02
(1,10)	1:A:20:THR:C	2:X:8:DT:C2	6	2.02
(1,10)	1:A:20:THR:C	2:X:8:DT:C2'	6	2.02
(1,10)	1:A:20:THR:C	2:X:8:DT:C3'	6	2.02
(1,10)	1:A:20:THR:C	2:X:8:DT:C4	6	2.02
(1,10)	1:A:20:THR:C	2:X:8:DT:C4'	6	2.02
(1,10)	1:A:20:THR:C	2:X:8:DT:C5	6	2.02
(1,10)	1:A:20:THR:C	2:X:8:DT:C5'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:C	2:X:8:DT:C6	6	2.02
(1,10)	1:A:20:THR:C	2:X:8:DT:C7	6	2.02
(1,10)	1:A:20:THR:C	2:X:8:DT:H1'	6	2.02
(1,10)	1:A:20:THR:C	2:X:8:DT:H2'	6	2.02
(1,10)	1:A:20:THR:C	2:X:8:DT:H2''	6	2.02
(1,10)	1:A:20:THR:C	2:X:8:DT:H3	6	2.02
(1,10)	1:A:20:THR:C	2:X:8:DT:H3'	6	2.02
(1,10)	1:A:20:THR:C	2:X:8:DT:H4'	6	2.02
(1,10)	1:A:20:THR:C	2:X:8:DT:H5'	6	2.02
(1,10)	1:A:20:THR:C	2:X:8:DT:H5''	6	2.02
(1,10)	1:A:20:THR:C	2:X:8:DT:H6	6	2.02
(1,10)	1:A:20:THR:C	2:X:8:DT:H71	6	2.02
(1,10)	1:A:20:THR:C	2:X:8:DT:H72	6	2.02
(1,10)	1:A:20:THR:C	2:X:8:DT:H73	6	2.02
(1,10)	1:A:20:THR:C	2:X:8:DT:N1	6	2.02
(1,10)	1:A:20:THR:C	2:X:8:DT:N3	6	2.02
(1,10)	1:A:20:THR:C	2:X:8:DT:O2	6	2.02
(1,10)	1:A:20:THR:C	2:X:8:DT:O3'	6	2.02
(1,10)	1:A:20:THR:C	2:X:8:DT:O4	6	2.02
(1,10)	1:A:20:THR:C	2:X:8:DT:O4'	6	2.02
(1,10)	1:A:20:THR:C	2:X:8:DT:O5'	6	2.02
(1,10)	1:A:20:THR:C	2:X:8:DT:OP1	6	2.02
(1,10)	1:A:20:THR:C	2:X:8:DT:OP2	6	2.02
(1,10)	1:A:20:THR:C	2:X:8:DT:P	6	2.02
(1,10)	1:A:20:THR:C	2:X:9:DA:C1'	6	2.02
(1,10)	1:A:20:THR:C	2:X:9:DA:C2	6	2.02
(1,10)	1:A:20:THR:C	2:X:9:DA:C2'	6	2.02
(1,10)	1:A:20:THR:C	2:X:9:DA:C3'	6	2.02
(1,10)	1:A:20:THR:C	2:X:9:DA:C4	6	2.02
(1,10)	1:A:20:THR:C	2:X:9:DA:C4'	6	2.02
(1,10)	1:A:20:THR:C	2:X:9:DA:C5	6	2.02
(1,10)	1:A:20:THR:C	2:X:9:DA:C5'	6	2.02
(1,10)	1:A:20:THR:C	2:X:9:DA:C6	6	2.02
(1,10)	1:A:20:THR:C	2:X:9:DA:C8	6	2.02
(1,10)	1:A:20:THR:C	2:X:9:DA:H1'	6	2.02
(1,10)	1:A:20:THR:C	2:X:9:DA:H2	6	2.02
(1,10)	1:A:20:THR:C	2:X:9:DA:H2'	6	2.02
(1,10)	1:A:20:THR:C	2:X:9:DA:H2''	6	2.02
(1,10)	1:A:20:THR:C	2:X:9:DA:H3'	6	2.02
(1,10)	1:A:20:THR:C	2:X:9:DA:H4'	6	2.02
(1,10)	1:A:20:THR:C	2:X:9:DA:H5'	6	2.02
(1,10)	1:A:20:THR:C	2:X:9:DA:H5''	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:C	2:X:9:DA:H61	6	2.02
(1,10)	1:A:20:THR:C	2:X:9:DA:H62	6	2.02
(1,10)	1:A:20:THR:C	2:X:9:DA:H8	6	2.02
(1,10)	1:A:20:THR:C	2:X:9:DA:N1	6	2.02
(1,10)	1:A:20:THR:C	2:X:9:DA:N3	6	2.02
(1,10)	1:A:20:THR:C	2:X:9:DA:N6	6	2.02
(1,10)	1:A:20:THR:C	2:X:9:DA:N7	6	2.02
(1,10)	1:A:20:THR:C	2:X:9:DA:N9	6	2.02
(1,10)	1:A:20:THR:C	2:X:9:DA:O3'	6	2.02
(1,10)	1:A:20:THR:C	2:X:9:DA:O4'	6	2.02
(1,10)	1:A:20:THR:C	2:X:9:DA:O5'	6	2.02
(1,10)	1:A:20:THR:C	2:X:9:DA:OP1	6	2.02
(1,10)	1:A:20:THR:C	2:X:9:DA:OP2	6	2.02
(1,10)	1:A:20:THR:C	2:X:9:DA:P	6	2.02
(1,10)	1:A:20:THR:C	2:X:10:DT:C1'	6	2.02
(1,10)	1:A:20:THR:C	2:X:10:DT:C2	6	2.02
(1,10)	1:A:20:THR:C	2:X:10:DT:C2'	6	2.02
(1,10)	1:A:20:THR:C	2:X:10:DT:C3'	6	2.02
(1,10)	1:A:20:THR:C	2:X:10:DT:C4	6	2.02
(1,10)	1:A:20:THR:C	2:X:10:DT:C4'	6	2.02
(1,10)	1:A:20:THR:C	2:X:10:DT:C5	6	2.02
(1,10)	1:A:20:THR:C	2:X:10:DT:C5'	6	2.02
(1,10)	1:A:20:THR:C	2:X:10:DT:C6	6	2.02
(1,10)	1:A:20:THR:C	2:X:10:DT:C7	6	2.02
(1,10)	1:A:20:THR:C	2:X:10:DT:H1'	6	2.02
(1,10)	1:A:20:THR:C	2:X:10:DT:H2'	6	2.02
(1,10)	1:A:20:THR:C	2:X:10:DT:H2''	6	2.02
(1,10)	1:A:20:THR:C	2:X:10:DT:H3	6	2.02
(1,10)	1:A:20:THR:C	2:X:10:DT:H3'	6	2.02
(1,10)	1:A:20:THR:C	2:X:10:DT:H4'	6	2.02
(1,10)	1:A:20:THR:C	2:X:10:DT:H5'	6	2.02
(1,10)	1:A:20:THR:C	2:X:10:DT:H5''	6	2.02
(1,10)	1:A:20:THR:C	2:X:10:DT:H6	6	2.02
(1,10)	1:A:20:THR:C	2:X:10:DT:H71	6	2.02
(1,10)	1:A:20:THR:C	2:X:10:DT:H72	6	2.02
(1,10)	1:A:20:THR:C	2:X:10:DT:H73	6	2.02
(1,10)	1:A:20:THR:C	2:X:10:DT:N1	6	2.02
(1,10)	1:A:20:THR:C	2:X:10:DT:N3	6	2.02
(1,10)	1:A:20:THR:C	2:X:10:DT:O2	6	2.02
(1,10)	1:A:20:THR:C	2:X:10:DT:O3'	6	2.02
(1,10)	1:A:20:THR:C	2:X:10:DT:O4	6	2.02
(1,10)	1:A:20:THR:C	2:X:10:DT:O4'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:C	2:X:10:DT:O5'	6	2.02
(1,10)	1:A:20:THR:C	2:X:10:DT:OP1	6	2.02
(1,10)	1:A:20:THR:C	2:X:10:DT:OP2	6	2.02
(1,10)	1:A:20:THR:C	2:X:10:DT:P	6	2.02
(1,10)	1:A:20:THR:C	2:X:11:DA:C1'	6	2.02
(1,10)	1:A:20:THR:C	2:X:11:DA:C2	6	2.02
(1,10)	1:A:20:THR:C	2:X:11:DA:C2'	6	2.02
(1,10)	1:A:20:THR:C	2:X:11:DA:C3'	6	2.02
(1,10)	1:A:20:THR:C	2:X:11:DA:C4	6	2.02
(1,10)	1:A:20:THR:C	2:X:11:DA:C4'	6	2.02
(1,10)	1:A:20:THR:C	2:X:11:DA:C5	6	2.02
(1,10)	1:A:20:THR:C	2:X:11:DA:C5'	6	2.02
(1,10)	1:A:20:THR:C	2:X:11:DA:C6	6	2.02
(1,10)	1:A:20:THR:C	2:X:11:DA:C8	6	2.02
(1,10)	1:A:20:THR:C	2:X:11:DA:H1'	6	2.02
(1,10)	1:A:20:THR:C	2:X:11:DA:H2	6	2.02
(1,10)	1:A:20:THR:C	2:X:11:DA:H2'	6	2.02
(1,10)	1:A:20:THR:C	2:X:11:DA:H2''	6	2.02
(1,10)	1:A:20:THR:C	2:X:11:DA:H3'	6	2.02
(1,10)	1:A:20:THR:C	2:X:11:DA:H4'	6	2.02
(1,10)	1:A:20:THR:C	2:X:11:DA:H5'	6	2.02
(1,10)	1:A:20:THR:C	2:X:11:DA:H5''	6	2.02
(1,10)	1:A:20:THR:C	2:X:11:DA:H61	6	2.02
(1,10)	1:A:20:THR:C	2:X:11:DA:H62	6	2.02
(1,10)	1:A:20:THR:C	2:X:11:DA:H8	6	2.02
(1,10)	1:A:20:THR:C	2:X:11:DA:N1	6	2.02
(1,10)	1:A:20:THR:C	2:X:11:DA:N3	6	2.02
(1,10)	1:A:20:THR:C	2:X:11:DA:N6	6	2.02
(1,10)	1:A:20:THR:C	2:X:11:DA:N7	6	2.02
(1,10)	1:A:20:THR:C	2:X:11:DA:N9	6	2.02
(1,10)	1:A:20:THR:C	2:X:11:DA:O3'	6	2.02
(1,10)	1:A:20:THR:C	2:X:11:DA:O4'	6	2.02
(1,10)	1:A:20:THR:C	2:X:11:DA:O5'	6	2.02
(1,10)	1:A:20:THR:C	2:X:11:DA:OP1	6	2.02
(1,10)	1:A:20:THR:C	2:X:11:DA:OP2	6	2.02
(1,10)	1:A:20:THR:C	2:X:11:DA:P	6	2.02
(1,10)	1:A:20:THR:C	2:X:12:DG:C1'	6	2.02
(1,10)	1:A:20:THR:C	2:X:12:DG:C2	6	2.02
(1,10)	1:A:20:THR:C	2:X:12:DG:C2'	6	2.02
(1,10)	1:A:20:THR:C	2:X:12:DG:C3'	6	2.02
(1,10)	1:A:20:THR:C	2:X:12:DG:C4	6	2.02
(1,10)	1:A:20:THR:C	2:X:12:DG:C4'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:C	2:X:12:DG:C5	6	2.02
(1,10)	1:A:20:THR:C	2:X:12:DG:C5'	6	2.02
(1,10)	1:A:20:THR:C	2:X:12:DG:C6	6	2.02
(1,10)	1:A:20:THR:C	2:X:12:DG:C8	6	2.02
(1,10)	1:A:20:THR:C	2:X:12:DG:H1	6	2.02
(1,10)	1:A:20:THR:C	2:X:12:DG:H1'	6	2.02
(1,10)	1:A:20:THR:C	2:X:12:DG:H2'	6	2.02
(1,10)	1:A:20:THR:C	2:X:12:DG:H2''	6	2.02
(1,10)	1:A:20:THR:C	2:X:12:DG:H21	6	2.02
(1,10)	1:A:20:THR:C	2:X:12:DG:H22	6	2.02
(1,10)	1:A:20:THR:C	2:X:12:DG:H3'	6	2.02
(1,10)	1:A:20:THR:C	2:X:12:DG:H4'	6	2.02
(1,10)	1:A:20:THR:C	2:X:12:DG:H5'	6	2.02
(1,10)	1:A:20:THR:C	2:X:12:DG:H5''	6	2.02
(1,10)	1:A:20:THR:C	2:X:12:DG:H8	6	2.02
(1,10)	1:A:20:THR:C	2:X:12:DG:N1	6	2.02
(1,10)	1:A:20:THR:C	2:X:12:DG:N2	6	2.02
(1,10)	1:A:20:THR:C	2:X:12:DG:N3	6	2.02
(1,10)	1:A:20:THR:C	2:X:12:DG:N7	6	2.02
(1,10)	1:A:20:THR:C	2:X:12:DG:N9	6	2.02
(1,10)	1:A:20:THR:C	2:X:12:DG:O3'	6	2.02
(1,10)	1:A:20:THR:C	2:X:12:DG:O4'	6	2.02
(1,10)	1:A:20:THR:C	2:X:12:DG:O5'	6	2.02
(1,10)	1:A:20:THR:C	2:X:12:DG:O6	6	2.02
(1,10)	1:A:20:THR:C	2:X:12:DG:OP1	6	2.02
(1,10)	1:A:20:THR:C	2:X:12:DG:OP2	6	2.02
(1,10)	1:A:20:THR:C	2:X:12:DG:P	6	2.02
(1,10)	1:A:20:THR:C	2:X:13:DT:C1'	6	2.02
(1,10)	1:A:20:THR:C	2:X:13:DT:C2	6	2.02
(1,10)	1:A:20:THR:C	2:X:13:DT:C2'	6	2.02
(1,10)	1:A:20:THR:C	2:X:13:DT:C3'	6	2.02
(1,10)	1:A:20:THR:C	2:X:13:DT:C4	6	2.02
(1,10)	1:A:20:THR:C	2:X:13:DT:C4'	6	2.02
(1,10)	1:A:20:THR:C	2:X:13:DT:C5	6	2.02
(1,10)	1:A:20:THR:C	2:X:13:DT:C5'	6	2.02
(1,10)	1:A:20:THR:C	2:X:13:DT:C6	6	2.02
(1,10)	1:A:20:THR:C	2:X:13:DT:C7	6	2.02
(1,10)	1:A:20:THR:C	2:X:13:DT:H1'	6	2.02
(1,10)	1:A:20:THR:C	2:X:13:DT:H2'	6	2.02
(1,10)	1:A:20:THR:C	2:X:13:DT:H2''	6	2.02
(1,10)	1:A:20:THR:C	2:X:13:DT:H3	6	2.02
(1,10)	1:A:20:THR:C	2:X:13:DT:H3'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:C	2:X:13:DT:H4'	6	2.02
(1,10)	1:A:20:THR:C	2:X:13:DT:H5'	6	2.02
(1,10)	1:A:20:THR:C	2:X:13:DT:H5''	6	2.02
(1,10)	1:A:20:THR:C	2:X:13:DT:H6	6	2.02
(1,10)	1:A:20:THR:C	2:X:13:DT:H71	6	2.02
(1,10)	1:A:20:THR:C	2:X:13:DT:H72	6	2.02
(1,10)	1:A:20:THR:C	2:X:13:DT:H73	6	2.02
(1,10)	1:A:20:THR:C	2:X:13:DT:N1	6	2.02
(1,10)	1:A:20:THR:C	2:X:13:DT:N3	6	2.02
(1,10)	1:A:20:THR:C	2:X:13:DT:O2	6	2.02
(1,10)	1:A:20:THR:C	2:X:13:DT:O3'	6	2.02
(1,10)	1:A:20:THR:C	2:X:13:DT:O4	6	2.02
(1,10)	1:A:20:THR:C	2:X:13:DT:O4'	6	2.02
(1,10)	1:A:20:THR:C	2:X:13:DT:O5'	6	2.02
(1,10)	1:A:20:THR:C	2:X:13:DT:OP1	6	2.02
(1,10)	1:A:20:THR:C	2:X:13:DT:OP2	6	2.02
(1,10)	1:A:20:THR:C	2:X:13:DT:P	6	2.02
(1,10)	1:A:20:THR:C	3:Y:3:DA:C1'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:3:DA:C2	6	2.02
(1,10)	1:A:20:THR:C	3:Y:3:DA:C2'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:3:DA:C3'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:3:DA:C4	6	2.02
(1,10)	1:A:20:THR:C	3:Y:3:DA:C4'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:3:DA:C5	6	2.02
(1,10)	1:A:20:THR:C	3:Y:3:DA:C5'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:3:DA:C6	6	2.02
(1,10)	1:A:20:THR:C	3:Y:3:DA:C8	6	2.02
(1,10)	1:A:20:THR:C	3:Y:3:DA:H1'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:3:DA:H2	6	2.02
(1,10)	1:A:20:THR:C	3:Y:3:DA:H2'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:3:DA:H2''	6	2.02
(1,10)	1:A:20:THR:C	3:Y:3:DA:H3'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:3:DA:H4'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:3:DA:H5'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:3:DA:H5''	6	2.02
(1,10)	1:A:20:THR:C	3:Y:3:DA:H61	6	2.02
(1,10)	1:A:20:THR:C	3:Y:3:DA:H62	6	2.02
(1,10)	1:A:20:THR:C	3:Y:3:DA:H8	6	2.02
(1,10)	1:A:20:THR:C	3:Y:3:DA:N1	6	2.02
(1,10)	1:A:20:THR:C	3:Y:3:DA:N3	6	2.02
(1,10)	1:A:20:THR:C	3:Y:3:DA:N6	6	2.02
(1,10)	1:A:20:THR:C	3:Y:3:DA:N7	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:C	3:Y:3:DA:N9	6	2.02
(1,10)	1:A:20:THR:C	3:Y:3:DA:O3'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:3:DA:O4'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:3:DA:O5'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:3:DA:OP1	6	2.02
(1,10)	1:A:20:THR:C	3:Y:3:DA:OP2	6	2.02
(1,10)	1:A:20:THR:C	3:Y:3:DA:P	6	2.02
(1,10)	1:A:20:THR:C	3:Y:4:DC:C1'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:4:DC:C2	6	2.02
(1,10)	1:A:20:THR:C	3:Y:4:DC:C2'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:4:DC:C3'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:4:DC:C4	6	2.02
(1,10)	1:A:20:THR:C	3:Y:4:DC:C4'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:4:DC:C5	6	2.02
(1,10)	1:A:20:THR:C	3:Y:4:DC:C5'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:4:DC:C6	6	2.02
(1,10)	1:A:20:THR:C	3:Y:4:DC:H1'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:4:DC:H2'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:4:DC:H2''	6	2.02
(1,10)	1:A:20:THR:C	3:Y:4:DC:H3'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:4:DC:H4'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:4:DC:H41	6	2.02
(1,10)	1:A:20:THR:C	3:Y:4:DC:H42	6	2.02
(1,10)	1:A:20:THR:C	3:Y:4:DC:H5	6	2.02
(1,10)	1:A:20:THR:C	3:Y:4:DC:H5'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:4:DC:H5''	6	2.02
(1,10)	1:A:20:THR:C	3:Y:4:DC:H6	6	2.02
(1,10)	1:A:20:THR:C	3:Y:4:DC:N1	6	2.02
(1,10)	1:A:20:THR:C	3:Y:4:DC:N3	6	2.02
(1,10)	1:A:20:THR:C	3:Y:4:DC:N4	6	2.02
(1,10)	1:A:20:THR:C	3:Y:4:DC:O2	6	2.02
(1,10)	1:A:20:THR:C	3:Y:4:DC:O3'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:4:DC:O4'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:4:DC:O5'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:4:DC:OP1	6	2.02
(1,10)	1:A:20:THR:C	3:Y:4:DC:OP2	6	2.02
(1,10)	1:A:20:THR:C	3:Y:4:DC:P	6	2.02
(1,10)	1:A:20:THR:C	3:Y:5:DT:C1'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:5:DT:C2	6	2.02
(1,10)	1:A:20:THR:C	3:Y:5:DT:C2'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:5:DT:C3'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:5:DT:C4	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:C	3:Y:5:DT:C4'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:5:DT:C5	6	2.02
(1,10)	1:A:20:THR:C	3:Y:5:DT:C5'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:5:DT:C6	6	2.02
(1,10)	1:A:20:THR:C	3:Y:5:DT:C7	6	2.02
(1,10)	1:A:20:THR:C	3:Y:5:DT:H1'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:5:DT:H2'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:5:DT:H2''	6	2.02
(1,10)	1:A:20:THR:C	3:Y:5:DT:H3	6	2.02
(1,10)	1:A:20:THR:C	3:Y:5:DT:H3'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:5:DT:H4'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:5:DT:H5'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:5:DT:H5''	6	2.02
(1,10)	1:A:20:THR:C	3:Y:5:DT:H6	6	2.02
(1,10)	1:A:20:THR:C	3:Y:5:DT:H71	6	2.02
(1,10)	1:A:20:THR:C	3:Y:5:DT:H72	6	2.02
(1,10)	1:A:20:THR:C	3:Y:5:DT:H73	6	2.02
(1,10)	1:A:20:THR:C	3:Y:5:DT:N1	6	2.02
(1,10)	1:A:20:THR:C	3:Y:5:DT:N3	6	2.02
(1,10)	1:A:20:THR:C	3:Y:5:DT:O2	6	2.02
(1,10)	1:A:20:THR:C	3:Y:5:DT:O3'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:5:DT:O4	6	2.02
(1,10)	1:A:20:THR:C	3:Y:5:DT:O4'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:5:DT:O5'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:5:DT:OP1	6	2.02
(1,10)	1:A:20:THR:C	3:Y:5:DT:OP2	6	2.02
(1,10)	1:A:20:THR:C	3:Y:5:DT:P	6	2.02
(1,10)	1:A:20:THR:C	3:Y:6:DA:C1'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:6:DA:C2	6	2.02
(1,10)	1:A:20:THR:C	3:Y:6:DA:C2'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:6:DA:C3'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:6:DA:C4	6	2.02
(1,10)	1:A:20:THR:C	3:Y:6:DA:C4'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:6:DA:C5	6	2.02
(1,10)	1:A:20:THR:C	3:Y:6:DA:C5'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:6:DA:C6	6	2.02
(1,10)	1:A:20:THR:C	3:Y:6:DA:C8	6	2.02
(1,10)	1:A:20:THR:C	3:Y:6:DA:H1'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:6:DA:H2	6	2.02
(1,10)	1:A:20:THR:C	3:Y:6:DA:H2'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:6:DA:H2''	6	2.02
(1,10)	1:A:20:THR:C	3:Y:6:DA:H3'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:C	3:Y:6:DA:H4'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:6:DA:H5'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:6:DA:H5''	6	2.02
(1,10)	1:A:20:THR:C	3:Y:6:DA:H61	6	2.02
(1,10)	1:A:20:THR:C	3:Y:6:DA:H62	6	2.02
(1,10)	1:A:20:THR:C	3:Y:6:DA:H8	6	2.02
(1,10)	1:A:20:THR:C	3:Y:6:DA:N1	6	2.02
(1,10)	1:A:20:THR:C	3:Y:6:DA:N3	6	2.02
(1,10)	1:A:20:THR:C	3:Y:6:DA:N6	6	2.02
(1,10)	1:A:20:THR:C	3:Y:6:DA:N7	6	2.02
(1,10)	1:A:20:THR:C	3:Y:6:DA:N9	6	2.02
(1,10)	1:A:20:THR:C	3:Y:6:DA:O3'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:6:DA:O4'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:6:DA:O5'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:6:DA:OP1	6	2.02
(1,10)	1:A:20:THR:C	3:Y:6:DA:OP2	6	2.02
(1,10)	1:A:20:THR:C	3:Y:6:DA:P	6	2.02
(1,10)	1:A:20:THR:C	3:Y:7:DT:C1'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:7:DT:C2	6	2.02
(1,10)	1:A:20:THR:C	3:Y:7:DT:C2'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:7:DT:C3'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:7:DT:C4	6	2.02
(1,10)	1:A:20:THR:C	3:Y:7:DT:C4'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:7:DT:C5	6	2.02
(1,10)	1:A:20:THR:C	3:Y:7:DT:C5'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:7:DT:C6	6	2.02
(1,10)	1:A:20:THR:C	3:Y:7:DT:C7	6	2.02
(1,10)	1:A:20:THR:C	3:Y:7:DT:H1'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:7:DT:H2'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:7:DT:H2''	6	2.02
(1,10)	1:A:20:THR:C	3:Y:7:DT:H3	6	2.02
(1,10)	1:A:20:THR:C	3:Y:7:DT:H3'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:7:DT:H4'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:7:DT:H5'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:7:DT:H5''	6	2.02
(1,10)	1:A:20:THR:C	3:Y:7:DT:H6	6	2.02
(1,10)	1:A:20:THR:C	3:Y:7:DT:H71	6	2.02
(1,10)	1:A:20:THR:C	3:Y:7:DT:H72	6	2.02
(1,10)	1:A:20:THR:C	3:Y:7:DT:H73	6	2.02
(1,10)	1:A:20:THR:C	3:Y:7:DT:N1	6	2.02
(1,10)	1:A:20:THR:C	3:Y:7:DT:N3	6	2.02
(1,10)	1:A:20:THR:C	3:Y:7:DT:O2	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:C	3:Y:7:DT:O3'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:7:DT:O4	6	2.02
(1,10)	1:A:20:THR:C	3:Y:7:DT:O4'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:7:DT:O5'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:7:DT:OP1	6	2.02
(1,10)	1:A:20:THR:C	3:Y:7:DT:OP2	6	2.02
(1,10)	1:A:20:THR:C	3:Y:7:DT:P	6	2.02
(1,10)	1:A:20:THR:C	3:Y:8:DA:C1'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:8:DA:C2	6	2.02
(1,10)	1:A:20:THR:C	3:Y:8:DA:C2'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:8:DA:C3'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:8:DA:C4	6	2.02
(1,10)	1:A:20:THR:C	3:Y:8:DA:C4'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:8:DA:C5	6	2.02
(1,10)	1:A:20:THR:C	3:Y:8:DA:C5'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:8:DA:C6	6	2.02
(1,10)	1:A:20:THR:C	3:Y:8:DA:C8	6	2.02
(1,10)	1:A:20:THR:C	3:Y:8:DA:H1'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:8:DA:H2	6	2.02
(1,10)	1:A:20:THR:C	3:Y:8:DA:H2'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:8:DA:H2''	6	2.02
(1,10)	1:A:20:THR:C	3:Y:8:DA:H3'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:8:DA:H4'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:8:DA:H5'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:8:DA:H5''	6	2.02
(1,10)	1:A:20:THR:C	3:Y:8:DA:H61	6	2.02
(1,10)	1:A:20:THR:C	3:Y:8:DA:H62	6	2.02
(1,10)	1:A:20:THR:C	3:Y:8:DA:H8	6	2.02
(1,10)	1:A:20:THR:C	3:Y:8:DA:N1	6	2.02
(1,10)	1:A:20:THR:C	3:Y:8:DA:N3	6	2.02
(1,10)	1:A:20:THR:C	3:Y:8:DA:N6	6	2.02
(1,10)	1:A:20:THR:C	3:Y:8:DA:N7	6	2.02
(1,10)	1:A:20:THR:C	3:Y:8:DA:N9	6	2.02
(1,10)	1:A:20:THR:C	3:Y:8:DA:O3'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:8:DA:O4'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:8:DA:O5'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:8:DA:OP1	6	2.02
(1,10)	1:A:20:THR:C	3:Y:8:DA:OP2	6	2.02
(1,10)	1:A:20:THR:C	3:Y:8:DA:P	6	2.02
(1,10)	1:A:20:THR:C	3:Y:9:DT:C1'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:9:DT:C2	6	2.02
(1,10)	1:A:20:THR:C	3:Y:9:DT:C2'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:C	3:Y:9:DT:C3'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:9:DT:C4	6	2.02
(1,10)	1:A:20:THR:C	3:Y:9:DT:C4'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:9:DT:C5	6	2.02
(1,10)	1:A:20:THR:C	3:Y:9:DT:C5'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:9:DT:C6	6	2.02
(1,10)	1:A:20:THR:C	3:Y:9:DT:C7	6	2.02
(1,10)	1:A:20:THR:C	3:Y:9:DT:H1'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:9:DT:H2'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:9:DT:H2''	6	2.02
(1,10)	1:A:20:THR:C	3:Y:9:DT:H3	6	2.02
(1,10)	1:A:20:THR:C	3:Y:9:DT:H3'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:9:DT:H4'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:9:DT:H5'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:9:DT:H5''	6	2.02
(1,10)	1:A:20:THR:C	3:Y:9:DT:H6	6	2.02
(1,10)	1:A:20:THR:C	3:Y:9:DT:H71	6	2.02
(1,10)	1:A:20:THR:C	3:Y:9:DT:H72	6	2.02
(1,10)	1:A:20:THR:C	3:Y:9:DT:H73	6	2.02
(1,10)	1:A:20:THR:C	3:Y:9:DT:N1	6	2.02
(1,10)	1:A:20:THR:C	3:Y:9:DT:N3	6	2.02
(1,10)	1:A:20:THR:C	3:Y:9:DT:O2	6	2.02
(1,10)	1:A:20:THR:C	3:Y:9:DT:O3'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:9:DT:O4	6	2.02
(1,10)	1:A:20:THR:C	3:Y:9:DT:O4'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:9:DT:O5'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:9:DT:OP1	6	2.02
(1,10)	1:A:20:THR:C	3:Y:9:DT:OP2	6	2.02
(1,10)	1:A:20:THR:C	3:Y:9:DT:P	6	2.02
(1,10)	1:A:20:THR:C	3:Y:10:DA:C1'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:10:DA:C2	6	2.02
(1,10)	1:A:20:THR:C	3:Y:10:DA:C2'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:10:DA:C3'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:10:DA:C4	6	2.02
(1,10)	1:A:20:THR:C	3:Y:10:DA:C4'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:10:DA:C5	6	2.02
(1,10)	1:A:20:THR:C	3:Y:10:DA:C5'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:10:DA:C6	6	2.02
(1,10)	1:A:20:THR:C	3:Y:10:DA:C8	6	2.02
(1,10)	1:A:20:THR:C	3:Y:10:DA:H1'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:10:DA:H2	6	2.02
(1,10)	1:A:20:THR:C	3:Y:10:DA:H2'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:C	3:Y:10:DA:H2''	6	2.02
(1,10)	1:A:20:THR:C	3:Y:10:DA:H3'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:10:DA:H4'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:10:DA:H5'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:10:DA:H5''	6	2.02
(1,10)	1:A:20:THR:C	3:Y:10:DA:H61	6	2.02
(1,10)	1:A:20:THR:C	3:Y:10:DA:H62	6	2.02
(1,10)	1:A:20:THR:C	3:Y:10:DA:H8	6	2.02
(1,10)	1:A:20:THR:C	3:Y:10:DA:N1	6	2.02
(1,10)	1:A:20:THR:C	3:Y:10:DA:N3	6	2.02
(1,10)	1:A:20:THR:C	3:Y:10:DA:N6	6	2.02
(1,10)	1:A:20:THR:C	3:Y:10:DA:N7	6	2.02
(1,10)	1:A:20:THR:C	3:Y:10:DA:N9	6	2.02
(1,10)	1:A:20:THR:C	3:Y:10:DA:O3'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:10:DA:O4'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:10:DA:O5'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:10:DA:OP1	6	2.02
(1,10)	1:A:20:THR:C	3:Y:10:DA:OP2	6	2.02
(1,10)	1:A:20:THR:C	3:Y:10:DA:P	6	2.02
(1,10)	1:A:20:THR:C	3:Y:11:DT:C1'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:11:DT:C2	6	2.02
(1,10)	1:A:20:THR:C	3:Y:11:DT:C2'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:11:DT:C3'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:11:DT:C4	6	2.02
(1,10)	1:A:20:THR:C	3:Y:11:DT:C4'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:11:DT:C5	6	2.02
(1,10)	1:A:20:THR:C	3:Y:11:DT:C5'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:11:DT:C6	6	2.02
(1,10)	1:A:20:THR:C	3:Y:11:DT:C7	6	2.02
(1,10)	1:A:20:THR:C	3:Y:11:DT:H1'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:11:DT:H2'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:11:DT:H2''	6	2.02
(1,10)	1:A:20:THR:C	3:Y:11:DT:H3	6	2.02
(1,10)	1:A:20:THR:C	3:Y:11:DT:H3'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:11:DT:H4'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:11:DT:H5'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:11:DT:H5''	6	2.02
(1,10)	1:A:20:THR:C	3:Y:11:DT:H6	6	2.02
(1,10)	1:A:20:THR:C	3:Y:11:DT:H71	6	2.02
(1,10)	1:A:20:THR:C	3:Y:11:DT:H72	6	2.02
(1,10)	1:A:20:THR:C	3:Y:11:DT:H73	6	2.02
(1,10)	1:A:20:THR:C	3:Y:11:DT:N1	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:C	3:Y:11:DT:N3	6	2.02
(1,10)	1:A:20:THR:C	3:Y:11:DT:O2	6	2.02
(1,10)	1:A:20:THR:C	3:Y:11:DT:O3'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:11:DT:O4	6	2.02
(1,10)	1:A:20:THR:C	3:Y:11:DT:O4'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:11:DT:O5'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:11:DT:OP1	6	2.02
(1,10)	1:A:20:THR:C	3:Y:11:DT:OP2	6	2.02
(1,10)	1:A:20:THR:C	3:Y:11:DT:P	6	2.02
(1,10)	1:A:20:THR:C	3:Y:12:DC:C1'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:12:DC:C2	6	2.02
(1,10)	1:A:20:THR:C	3:Y:12:DC:C2'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:12:DC:C3'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:12:DC:C4	6	2.02
(1,10)	1:A:20:THR:C	3:Y:12:DC:C4'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:12:DC:C5	6	2.02
(1,10)	1:A:20:THR:C	3:Y:12:DC:C5'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:12:DC:C6	6	2.02
(1,10)	1:A:20:THR:C	3:Y:12:DC:H1'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:12:DC:H2'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:12:DC:H2''	6	2.02
(1,10)	1:A:20:THR:C	3:Y:12:DC:H3'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:12:DC:H4'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:12:DC:H41	6	2.02
(1,10)	1:A:20:THR:C	3:Y:12:DC:H42	6	2.02
(1,10)	1:A:20:THR:C	3:Y:12:DC:H5	6	2.02
(1,10)	1:A:20:THR:C	3:Y:12:DC:H5'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:12:DC:H5''	6	2.02
(1,10)	1:A:20:THR:C	3:Y:12:DC:H6	6	2.02
(1,10)	1:A:20:THR:C	3:Y:12:DC:N1	6	2.02
(1,10)	1:A:20:THR:C	3:Y:12:DC:N3	6	2.02
(1,10)	1:A:20:THR:C	3:Y:12:DC:N4	6	2.02
(1,10)	1:A:20:THR:C	3:Y:12:DC:O2	6	2.02
(1,10)	1:A:20:THR:C	3:Y:12:DC:O3'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:12:DC:O4'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:12:DC:O5'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:12:DC:OP1	6	2.02
(1,10)	1:A:20:THR:C	3:Y:12:DC:OP2	6	2.02
(1,10)	1:A:20:THR:C	3:Y:12:DC:P	6	2.02
(1,10)	1:A:20:THR:C	3:Y:13:DA:C1'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:13:DA:C2	6	2.02
(1,10)	1:A:20:THR:C	3:Y:13:DA:C2'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:C	3:Y:13:DA:C3'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:13:DA:C4	6	2.02
(1,10)	1:A:20:THR:C	3:Y:13:DA:C4'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:13:DA:C5	6	2.02
(1,10)	1:A:20:THR:C	3:Y:13:DA:C5'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:13:DA:C6	6	2.02
(1,10)	1:A:20:THR:C	3:Y:13:DA:C8	6	2.02
(1,10)	1:A:20:THR:C	3:Y:13:DA:H1'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:13:DA:H2	6	2.02
(1,10)	1:A:20:THR:C	3:Y:13:DA:H2'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:13:DA:H2''	6	2.02
(1,10)	1:A:20:THR:C	3:Y:13:DA:H3'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:13:DA:H4'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:13:DA:H5'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:13:DA:H5''	6	2.02
(1,10)	1:A:20:THR:C	3:Y:13:DA:H61	6	2.02
(1,10)	1:A:20:THR:C	3:Y:13:DA:H62	6	2.02
(1,10)	1:A:20:THR:C	3:Y:13:DA:H8	6	2.02
(1,10)	1:A:20:THR:C	3:Y:13:DA:N1	6	2.02
(1,10)	1:A:20:THR:C	3:Y:13:DA:N3	6	2.02
(1,10)	1:A:20:THR:C	3:Y:13:DA:N6	6	2.02
(1,10)	1:A:20:THR:C	3:Y:13:DA:N7	6	2.02
(1,10)	1:A:20:THR:C	3:Y:13:DA:N9	6	2.02
(1,10)	1:A:20:THR:C	3:Y:13:DA:O3'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:13:DA:O4'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:13:DA:O5'	6	2.02
(1,10)	1:A:20:THR:C	3:Y:13:DA:OP1	6	2.02
(1,10)	1:A:20:THR:C	3:Y:13:DA:OP2	6	2.02
(1,10)	1:A:20:THR:C	3:Y:13:DA:P	6	2.02
(1,10)	1:A:20:THR:CA	2:X:3:DT:C1'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:3:DT:C2	6	2.02
(1,10)	1:A:20:THR:CA	2:X:3:DT:C2'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:3:DT:C3'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:3:DT:C4	6	2.02
(1,10)	1:A:20:THR:CA	2:X:3:DT:C4'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:3:DT:C5	6	2.02
(1,10)	1:A:20:THR:CA	2:X:3:DT:C5'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:3:DT:C6	6	2.02
(1,10)	1:A:20:THR:CA	2:X:3:DT:C7	6	2.02
(1,10)	1:A:20:THR:CA	2:X:3:DT:H1'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:3:DT:H2'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:3:DT:H2''	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CA	2:X:3:DT:H3	6	2.02
(1,10)	1:A:20:THR:CA	2:X:3:DT:H3'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:3:DT:H4'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:3:DT:H5'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:3:DT:H5''	6	2.02
(1,10)	1:A:20:THR:CA	2:X:3:DT:H6	6	2.02
(1,10)	1:A:20:THR:CA	2:X:3:DT:H71	6	2.02
(1,10)	1:A:20:THR:CA	2:X:3:DT:H72	6	2.02
(1,10)	1:A:20:THR:CA	2:X:3:DT:H73	6	2.02
(1,10)	1:A:20:THR:CA	2:X:3:DT:N1	6	2.02
(1,10)	1:A:20:THR:CA	2:X:3:DT:N3	6	2.02
(1,10)	1:A:20:THR:CA	2:X:3:DT:O2	6	2.02
(1,10)	1:A:20:THR:CA	2:X:3:DT:O3'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:3:DT:O4	6	2.02
(1,10)	1:A:20:THR:CA	2:X:3:DT:O4'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:3:DT:O5'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:3:DT:OP1	6	2.02
(1,10)	1:A:20:THR:CA	2:X:3:DT:OP2	6	2.02
(1,10)	1:A:20:THR:CA	2:X:3:DT:P	6	2.02
(1,10)	1:A:20:THR:CA	2:X:4:DG:C1'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:4:DG:C2	6	2.02
(1,10)	1:A:20:THR:CA	2:X:4:DG:C2'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:4:DG:C3'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:4:DG:C4	6	2.02
(1,10)	1:A:20:THR:CA	2:X:4:DG:C4'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:4:DG:C5	6	2.02
(1,10)	1:A:20:THR:CA	2:X:4:DG:C5'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:4:DG:C6	6	2.02
(1,10)	1:A:20:THR:CA	2:X:4:DG:C8	6	2.02
(1,10)	1:A:20:THR:CA	2:X:4:DG:H1	6	2.02
(1,10)	1:A:20:THR:CA	2:X:4:DG:H1'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:4:DG:H2'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:4:DG:H2''	6	2.02
(1,10)	1:A:20:THR:CA	2:X:4:DG:H21	6	2.02
(1,10)	1:A:20:THR:CA	2:X:4:DG:H22	6	2.02
(1,10)	1:A:20:THR:CA	2:X:4:DG:H3'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:4:DG:H4'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:4:DG:H5'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:4:DG:H5''	6	2.02
(1,10)	1:A:20:THR:CA	2:X:4:DG:H8	6	2.02
(1,10)	1:A:20:THR:CA	2:X:4:DG:N1	6	2.02
(1,10)	1:A:20:THR:CA	2:X:4:DG:N2	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CA	2:X:4:DG:N3	6	2.02
(1,10)	1:A:20:THR:CA	2:X:4:DG:N7	6	2.02
(1,10)	1:A:20:THR:CA	2:X:4:DG:N9	6	2.02
(1,10)	1:A:20:THR:CA	2:X:4:DG:O3'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:4:DG:O4'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:4:DG:O5'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:4:DG:O6	6	2.02
(1,10)	1:A:20:THR:CA	2:X:4:DG:OP1	6	2.02
(1,10)	1:A:20:THR:CA	2:X:4:DG:OP2	6	2.02
(1,10)	1:A:20:THR:CA	2:X:4:DG:P	6	2.02
(1,10)	1:A:20:THR:CA	2:X:5:DA:C1'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:5:DA:C2	6	2.02
(1,10)	1:A:20:THR:CA	2:X:5:DA:C2'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:5:DA:C3'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:5:DA:C4	6	2.02
(1,10)	1:A:20:THR:CA	2:X:5:DA:C4'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:5:DA:C5	6	2.02
(1,10)	1:A:20:THR:CA	2:X:5:DA:C5'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:5:DA:C6	6	2.02
(1,10)	1:A:20:THR:CA	2:X:5:DA:C8	6	2.02
(1,10)	1:A:20:THR:CA	2:X:5:DA:H1'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:5:DA:H2	6	2.02
(1,10)	1:A:20:THR:CA	2:X:5:DA:H2'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:5:DA:H2''	6	2.02
(1,10)	1:A:20:THR:CA	2:X:5:DA:H3'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:5:DA:H4'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:5:DA:H5'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:5:DA:H5''	6	2.02
(1,10)	1:A:20:THR:CA	2:X:5:DA:H61	6	2.02
(1,10)	1:A:20:THR:CA	2:X:5:DA:H62	6	2.02
(1,10)	1:A:20:THR:CA	2:X:5:DA:H8	6	2.02
(1,10)	1:A:20:THR:CA	2:X:5:DA:N1	6	2.02
(1,10)	1:A:20:THR:CA	2:X:5:DA:N3	6	2.02
(1,10)	1:A:20:THR:CA	2:X:5:DA:N6	6	2.02
(1,10)	1:A:20:THR:CA	2:X:5:DA:N7	6	2.02
(1,10)	1:A:20:THR:CA	2:X:5:DA:N9	6	2.02
(1,10)	1:A:20:THR:CA	2:X:5:DA:O3'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:5:DA:O4'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:5:DA:O5'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:5:DA:OP1	6	2.02
(1,10)	1:A:20:THR:CA	2:X:5:DA:OP2	6	2.02
(1,10)	1:A:20:THR:CA	2:X:5:DA:P	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CA	2:X:6:DT:C1'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:6:DT:C2	6	2.02
(1,10)	1:A:20:THR:CA	2:X:6:DT:C2'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:6:DT:C3'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:6:DT:C4	6	2.02
(1,10)	1:A:20:THR:CA	2:X:6:DT:C4'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:6:DT:C5	6	2.02
(1,10)	1:A:20:THR:CA	2:X:6:DT:C5'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:6:DT:C6	6	2.02
(1,10)	1:A:20:THR:CA	2:X:6:DT:C7	6	2.02
(1,10)	1:A:20:THR:CA	2:X:6:DT:H1'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:6:DT:H2'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:6:DT:H2''	6	2.02
(1,10)	1:A:20:THR:CA	2:X:6:DT:H3	6	2.02
(1,10)	1:A:20:THR:CA	2:X:6:DT:H3'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:6:DT:H4'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:6:DT:H5'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:6:DT:H5''	6	2.02
(1,10)	1:A:20:THR:CA	2:X:6:DT:H6	6	2.02
(1,10)	1:A:20:THR:CA	2:X:6:DT:H71	6	2.02
(1,10)	1:A:20:THR:CA	2:X:6:DT:H72	6	2.02
(1,10)	1:A:20:THR:CA	2:X:6:DT:H73	6	2.02
(1,10)	1:A:20:THR:CA	2:X:6:DT:N1	6	2.02
(1,10)	1:A:20:THR:CA	2:X:6:DT:N3	6	2.02
(1,10)	1:A:20:THR:CA	2:X:6:DT:O2	6	2.02
(1,10)	1:A:20:THR:CA	2:X:6:DT:O3'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:6:DT:O4	6	2.02
(1,10)	1:A:20:THR:CA	2:X:6:DT:O4'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:6:DT:O5'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:6:DT:OP1	6	2.02
(1,10)	1:A:20:THR:CA	2:X:6:DT:OP2	6	2.02
(1,10)	1:A:20:THR:CA	2:X:6:DT:P	6	2.02
(1,10)	1:A:20:THR:CA	2:X:7:DA:C1'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:7:DA:C2	6	2.02
(1,10)	1:A:20:THR:CA	2:X:7:DA:C2'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:7:DA:C3'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:7:DA:C4	6	2.02
(1,10)	1:A:20:THR:CA	2:X:7:DA:C4'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:7:DA:C5	6	2.02
(1,10)	1:A:20:THR:CA	2:X:7:DA:C5'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:7:DA:C6	6	2.02
(1,10)	1:A:20:THR:CA	2:X:7:DA:C8	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CA	2:X:7:DA:H1'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:7:DA:H2	6	2.02
(1,10)	1:A:20:THR:CA	2:X:7:DA:H2'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:7:DA:H2''	6	2.02
(1,10)	1:A:20:THR:CA	2:X:7:DA:H3'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:7:DA:H4'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:7:DA:H5'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:7:DA:H5''	6	2.02
(1,10)	1:A:20:THR:CA	2:X:7:DA:H61	6	2.02
(1,10)	1:A:20:THR:CA	2:X:7:DA:H62	6	2.02
(1,10)	1:A:20:THR:CA	2:X:7:DA:H8	6	2.02
(1,10)	1:A:20:THR:CA	2:X:7:DA:N1	6	2.02
(1,10)	1:A:20:THR:CA	2:X:7:DA:N3	6	2.02
(1,10)	1:A:20:THR:CA	2:X:7:DA:N6	6	2.02
(1,10)	1:A:20:THR:CA	2:X:7:DA:N7	6	2.02
(1,10)	1:A:20:THR:CA	2:X:7:DA:N9	6	2.02
(1,10)	1:A:20:THR:CA	2:X:7:DA:O3'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:7:DA:O4'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:7:DA:O5'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:7:DA:OP1	6	2.02
(1,10)	1:A:20:THR:CA	2:X:7:DA:OP2	6	2.02
(1,10)	1:A:20:THR:CA	2:X:7:DA:P	6	2.02
(1,10)	1:A:20:THR:CA	2:X:8:DT:C1'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:8:DT:C2	6	2.02
(1,10)	1:A:20:THR:CA	2:X:8:DT:C2'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:8:DT:C3'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:8:DT:C4	6	2.02
(1,10)	1:A:20:THR:CA	2:X:8:DT:C4'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:8:DT:C5	6	2.02
(1,10)	1:A:20:THR:CA	2:X:8:DT:C5'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:8:DT:C6	6	2.02
(1,10)	1:A:20:THR:CA	2:X:8:DT:C7	6	2.02
(1,10)	1:A:20:THR:CA	2:X:8:DT:H1'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:8:DT:H2'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:8:DT:H2''	6	2.02
(1,10)	1:A:20:THR:CA	2:X:8:DT:H3	6	2.02
(1,10)	1:A:20:THR:CA	2:X:8:DT:H3'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:8:DT:H4'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:8:DT:H5'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:8:DT:H5''	6	2.02
(1,10)	1:A:20:THR:CA	2:X:8:DT:H6	6	2.02
(1,10)	1:A:20:THR:CA	2:X:8:DT:H71	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CA	2:X:8:DT:H72	6	2.02
(1,10)	1:A:20:THR:CA	2:X:8:DT:H73	6	2.02
(1,10)	1:A:20:THR:CA	2:X:8:DT:N1	6	2.02
(1,10)	1:A:20:THR:CA	2:X:8:DT:N3	6	2.02
(1,10)	1:A:20:THR:CA	2:X:8:DT:O2	6	2.02
(1,10)	1:A:20:THR:CA	2:X:8:DT:O3'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:8:DT:O4	6	2.02
(1,10)	1:A:20:THR:CA	2:X:8:DT:O4'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:8:DT:O5'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:8:DT:OP1	6	2.02
(1,10)	1:A:20:THR:CA	2:X:8:DT:OP2	6	2.02
(1,10)	1:A:20:THR:CA	2:X:8:DT:P	6	2.02
(1,10)	1:A:20:THR:CA	2:X:9:DA:C1'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:9:DA:C2	6	2.02
(1,10)	1:A:20:THR:CA	2:X:9:DA:C2'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:9:DA:C3'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:9:DA:C4	6	2.02
(1,10)	1:A:20:THR:CA	2:X:9:DA:C4'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:9:DA:C5	6	2.02
(1,10)	1:A:20:THR:CA	2:X:9:DA:C5'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:9:DA:C6	6	2.02
(1,10)	1:A:20:THR:CA	2:X:9:DA:C8	6	2.02
(1,10)	1:A:20:THR:CA	2:X:9:DA:H1'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:9:DA:H2	6	2.02
(1,10)	1:A:20:THR:CA	2:X:9:DA:H2'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:9:DA:H2''	6	2.02
(1,10)	1:A:20:THR:CA	2:X:9:DA:H3'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:9:DA:H4'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:9:DA:H5'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:9:DA:H5''	6	2.02
(1,10)	1:A:20:THR:CA	2:X:9:DA:H61	6	2.02
(1,10)	1:A:20:THR:CA	2:X:9:DA:H62	6	2.02
(1,10)	1:A:20:THR:CA	2:X:9:DA:H8	6	2.02
(1,10)	1:A:20:THR:CA	2:X:9:DA:N1	6	2.02
(1,10)	1:A:20:THR:CA	2:X:9:DA:N3	6	2.02
(1,10)	1:A:20:THR:CA	2:X:9:DA:N6	6	2.02
(1,10)	1:A:20:THR:CA	2:X:9:DA:N7	6	2.02
(1,10)	1:A:20:THR:CA	2:X:9:DA:N9	6	2.02
(1,10)	1:A:20:THR:CA	2:X:9:DA:O3'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:9:DA:O4'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:9:DA:O5'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:9:DA:OP1	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CA	2:X:9:DA:OP2	6	2.02
(1,10)	1:A:20:THR:CA	2:X:9:DA:P	6	2.02
(1,10)	1:A:20:THR:CA	2:X:10:DT:C1'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:10:DT:C2	6	2.02
(1,10)	1:A:20:THR:CA	2:X:10:DT:C2'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:10:DT:C3'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:10:DT:C4	6	2.02
(1,10)	1:A:20:THR:CA	2:X:10:DT:C4'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:10:DT:C5	6	2.02
(1,10)	1:A:20:THR:CA	2:X:10:DT:C5'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:10:DT:C6	6	2.02
(1,10)	1:A:20:THR:CA	2:X:10:DT:C7	6	2.02
(1,10)	1:A:20:THR:CA	2:X:10:DT:H1'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:10:DT:H2'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:10:DT:H2''	6	2.02
(1,10)	1:A:20:THR:CA	2:X:10:DT:H3	6	2.02
(1,10)	1:A:20:THR:CA	2:X:10:DT:H3'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:10:DT:H4'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:10:DT:H5'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:10:DT:H5''	6	2.02
(1,10)	1:A:20:THR:CA	2:X:10:DT:H6	6	2.02
(1,10)	1:A:20:THR:CA	2:X:10:DT:H71	6	2.02
(1,10)	1:A:20:THR:CA	2:X:10:DT:H72	6	2.02
(1,10)	1:A:20:THR:CA	2:X:10:DT:H73	6	2.02
(1,10)	1:A:20:THR:CA	2:X:10:DT:N1	6	2.02
(1,10)	1:A:20:THR:CA	2:X:10:DT:N3	6	2.02
(1,10)	1:A:20:THR:CA	2:X:10:DT:O2	6	2.02
(1,10)	1:A:20:THR:CA	2:X:10:DT:O3'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:10:DT:O4	6	2.02
(1,10)	1:A:20:THR:CA	2:X:10:DT:O4'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:10:DT:O5'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:10:DT:OP1	6	2.02
(1,10)	1:A:20:THR:CA	2:X:10:DT:OP2	6	2.02
(1,10)	1:A:20:THR:CA	2:X:10:DT:P	6	2.02
(1,10)	1:A:20:THR:CA	2:X:11:DA:C1'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:11:DA:C2	6	2.02
(1,10)	1:A:20:THR:CA	2:X:11:DA:C2'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:11:DA:C3'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:11:DA:C4	6	2.02
(1,10)	1:A:20:THR:CA	2:X:11:DA:C4'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:11:DA:C5	6	2.02
(1,10)	1:A:20:THR:CA	2:X:11:DA:C5'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CA	2:X:11:DA:C6	6	2.02
(1,10)	1:A:20:THR:CA	2:X:11:DA:C8	6	2.02
(1,10)	1:A:20:THR:CA	2:X:11:DA:H1'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:11:DA:H2	6	2.02
(1,10)	1:A:20:THR:CA	2:X:11:DA:H2'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:11:DA:H2''	6	2.02
(1,10)	1:A:20:THR:CA	2:X:11:DA:H3'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:11:DA:H4'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:11:DA:H5'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:11:DA:H5''	6	2.02
(1,10)	1:A:20:THR:CA	2:X:11:DA:H61	6	2.02
(1,10)	1:A:20:THR:CA	2:X:11:DA:H62	6	2.02
(1,10)	1:A:20:THR:CA	2:X:11:DA:H8	6	2.02
(1,10)	1:A:20:THR:CA	2:X:11:DA:N1	6	2.02
(1,10)	1:A:20:THR:CA	2:X:11:DA:N3	6	2.02
(1,10)	1:A:20:THR:CA	2:X:11:DA:N6	6	2.02
(1,10)	1:A:20:THR:CA	2:X:11:DA:N7	6	2.02
(1,10)	1:A:20:THR:CA	2:X:11:DA:N9	6	2.02
(1,10)	1:A:20:THR:CA	2:X:11:DA:O3'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:11:DA:O4'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:11:DA:O5'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:11:DA:OP1	6	2.02
(1,10)	1:A:20:THR:CA	2:X:11:DA:OP2	6	2.02
(1,10)	1:A:20:THR:CA	2:X:11:DA:P	6	2.02
(1,10)	1:A:20:THR:CA	2:X:12:DG:C1'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:12:DG:C2	6	2.02
(1,10)	1:A:20:THR:CA	2:X:12:DG:C2'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:12:DG:C3'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:12:DG:C4	6	2.02
(1,10)	1:A:20:THR:CA	2:X:12:DG:C4'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:12:DG:C5	6	2.02
(1,10)	1:A:20:THR:CA	2:X:12:DG:C5'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:12:DG:C6	6	2.02
(1,10)	1:A:20:THR:CA	2:X:12:DG:C8	6	2.02
(1,10)	1:A:20:THR:CA	2:X:12:DG:H1	6	2.02
(1,10)	1:A:20:THR:CA	2:X:12:DG:H1'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:12:DG:H2'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:12:DG:H2''	6	2.02
(1,10)	1:A:20:THR:CA	2:X:12:DG:H21	6	2.02
(1,10)	1:A:20:THR:CA	2:X:12:DG:H22	6	2.02
(1,10)	1:A:20:THR:CA	2:X:12:DG:H3'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:12:DG:H4'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CA	2:X:12:DG:H5'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:12:DG:H5''	6	2.02
(1,10)	1:A:20:THR:CA	2:X:12:DG:H8	6	2.02
(1,10)	1:A:20:THR:CA	2:X:12:DG:N1	6	2.02
(1,10)	1:A:20:THR:CA	2:X:12:DG:N2	6	2.02
(1,10)	1:A:20:THR:CA	2:X:12:DG:N3	6	2.02
(1,10)	1:A:20:THR:CA	2:X:12:DG:N7	6	2.02
(1,10)	1:A:20:THR:CA	2:X:12:DG:N9	6	2.02
(1,10)	1:A:20:THR:CA	2:X:12:DG:O3'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:12:DG:O4'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:12:DG:O5'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:12:DG:O6	6	2.02
(1,10)	1:A:20:THR:CA	2:X:12:DG:OP1	6	2.02
(1,10)	1:A:20:THR:CA	2:X:12:DG:OP2	6	2.02
(1,10)	1:A:20:THR:CA	2:X:12:DG:P	6	2.02
(1,10)	1:A:20:THR:CA	2:X:13:DT:C1'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:13:DT:C2	6	2.02
(1,10)	1:A:20:THR:CA	2:X:13:DT:C2'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:13:DT:C3'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:13:DT:C4	6	2.02
(1,10)	1:A:20:THR:CA	2:X:13:DT:C4'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:13:DT:C5	6	2.02
(1,10)	1:A:20:THR:CA	2:X:13:DT:C5'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:13:DT:C6	6	2.02
(1,10)	1:A:20:THR:CA	2:X:13:DT:C7	6	2.02
(1,10)	1:A:20:THR:CA	2:X:13:DT:H1'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:13:DT:H2'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:13:DT:H2''	6	2.02
(1,10)	1:A:20:THR:CA	2:X:13:DT:H3	6	2.02
(1,10)	1:A:20:THR:CA	2:X:13:DT:H3'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:13:DT:H4'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:13:DT:H5'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:13:DT:H5''	6	2.02
(1,10)	1:A:20:THR:CA	2:X:13:DT:H6	6	2.02
(1,10)	1:A:20:THR:CA	2:X:13:DT:H71	6	2.02
(1,10)	1:A:20:THR:CA	2:X:13:DT:H72	6	2.02
(1,10)	1:A:20:THR:CA	2:X:13:DT:H73	6	2.02
(1,10)	1:A:20:THR:CA	2:X:13:DT:N1	6	2.02
(1,10)	1:A:20:THR:CA	2:X:13:DT:N3	6	2.02
(1,10)	1:A:20:THR:CA	2:X:13:DT:O2	6	2.02
(1,10)	1:A:20:THR:CA	2:X:13:DT:O3'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:13:DT:O4	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CA	2:X:13:DT:O4'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:13:DT:O5'	6	2.02
(1,10)	1:A:20:THR:CA	2:X:13:DT:OP1	6	2.02
(1,10)	1:A:20:THR:CA	2:X:13:DT:OP2	6	2.02
(1,10)	1:A:20:THR:CA	2:X:13:DT:P	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:3:DA:C1'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:3:DA:C2	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:3:DA:C2'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:3:DA:C3'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:3:DA:C4	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:3:DA:C4'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:3:DA:C5	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:3:DA:C5'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:3:DA:C6	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:3:DA:C8	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:3:DA:H1'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:3:DA:H2	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:3:DA:H2'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:3:DA:H2''	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:3:DA:H3'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:3:DA:H4'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:3:DA:H5'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:3:DA:H5''	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:3:DA:H61	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:3:DA:H62	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:3:DA:H8	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:3:DA:N1	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:3:DA:N3	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:3:DA:N6	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:3:DA:N7	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:3:DA:N9	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:3:DA:O3'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:3:DA:O4'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:3:DA:O5'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:3:DA:OP1	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:3:DA:OP2	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:3:DA:P	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:4:DC:C1'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:4:DC:C2	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:4:DC:C2'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:4:DC:C3'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:4:DC:C4	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CA	3:Y:4:DC:C4'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:4:DC:C5	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:4:DC:C5'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:4:DC:C6	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:4:DC:H1'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:4:DC:H2'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:4:DC:H2''	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:4:DC:H3'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:4:DC:H4'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:4:DC:H41	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:4:DC:H42	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:4:DC:H5	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:4:DC:H5'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:4:DC:H5''	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:4:DC:H6	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:4:DC:N1	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:4:DC:N3	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:4:DC:N4	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:4:DC:O2	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:4:DC:O3'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:4:DC:O4'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:4:DC:O5'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:4:DC:OP1	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:4:DC:OP2	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:4:DC:P	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:5:DT:C1'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:5:DT:C2	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:5:DT:C2'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:5:DT:C3'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:5:DT:C4	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:5:DT:C4'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:5:DT:C5	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:5:DT:C5'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:5:DT:C6	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:5:DT:C7	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:5:DT:H1'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:5:DT:H2'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:5:DT:H2''	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:5:DT:H3	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:5:DT:H3'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:5:DT:H4'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:5:DT:H5'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CA	3:Y:5:DT:H5''	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:5:DT:H6	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:5:DT:H71	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:5:DT:H72	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:5:DT:H73	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:5:DT:N1	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:5:DT:N3	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:5:DT:O2	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:5:DT:O3'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:5:DT:O4	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:5:DT:O4'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:5:DT:O5'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:5:DT:OP1	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:5:DT:OP2	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:5:DT:P	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:6:DA:C1'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:6:DA:C2	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:6:DA:C2'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:6:DA:C3'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:6:DA:C4	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:6:DA:C4'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:6:DA:C5	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:6:DA:C5'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:6:DA:C6	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:6:DA:C8	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:6:DA:H1'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:6:DA:H2	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:6:DA:H2'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:6:DA:H2''	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:6:DA:H3'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:6:DA:H4'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:6:DA:H5'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:6:DA:H5''	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:6:DA:H61	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:6:DA:H62	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:6:DA:H8	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:6:DA:N1	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:6:DA:N3	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:6:DA:N6	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:6:DA:N7	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:6:DA:N9	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:6:DA:O3'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CA	3:Y:6:DA:O4'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:6:DA:O5'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:6:DA:OP1	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:6:DA:OP2	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:6:DA:P	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:7:DT:C1'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:7:DT:C2	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:7:DT:C2'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:7:DT:C3'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:7:DT:C4	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:7:DT:C4'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:7:DT:C5	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:7:DT:C5'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:7:DT:C6	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:7:DT:C7	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:7:DT:H1'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:7:DT:H2'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:7:DT:H2''	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:7:DT:H3	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:7:DT:H3'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:7:DT:H4'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:7:DT:H5'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:7:DT:H5''	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:7:DT:H6	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:7:DT:H71	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:7:DT:H72	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:7:DT:H73	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:7:DT:N1	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:7:DT:N3	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:7:DT:O2	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:7:DT:O3'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:7:DT:O4	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:7:DT:O4'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:7:DT:O5'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:7:DT:OP1	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:7:DT:OP2	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:7:DT:P	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:8:DA:C1'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:8:DA:C2	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:8:DA:C2'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:8:DA:C3'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:8:DA:C4	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CA	3:Y:8:DA:C4'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:8:DA:C5	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:8:DA:C5'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:8:DA:C6	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:8:DA:C8	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:8:DA:H1'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:8:DA:H2	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:8:DA:H2'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:8:DA:H2''	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:8:DA:H3'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:8:DA:H4'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:8:DA:H5'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:8:DA:H5''	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:8:DA:H61	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:8:DA:H62	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:8:DA:H8	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:8:DA:N1	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:8:DA:N3	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:8:DA:N6	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:8:DA:N7	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:8:DA:N9	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:8:DA:O3'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:8:DA:O4'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:8:DA:O5'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:8:DA:OP1	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:8:DA:OP2	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:8:DA:P	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:9:DT:C1'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:9:DT:C2	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:9:DT:C2'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:9:DT:C3'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:9:DT:C4	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:9:DT:C4'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:9:DT:C5	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:9:DT:C5'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:9:DT:C6	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:9:DT:C7	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:9:DT:H1'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:9:DT:H2'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:9:DT:H2''	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:9:DT:H3	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:9:DT:H3'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CA	3:Y:9:DT:H4'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:9:DT:H5'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:9:DT:H5''	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:9:DT:H6	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:9:DT:H71	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:9:DT:H72	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:9:DT:H73	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:9:DT:N1	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:9:DT:N3	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:9:DT:O2	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:9:DT:O3'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:9:DT:O4	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:9:DT:O4'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:9:DT:O5'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:9:DT:OP1	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:9:DT:OP2	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:9:DT:P	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:10:DA:C1'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:10:DA:C2	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:10:DA:C2'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:10:DA:C3'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:10:DA:C4	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:10:DA:C4'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:10:DA:C5	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:10:DA:C5'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:10:DA:C6	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:10:DA:C8	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:10:DA:H1'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:10:DA:H2	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:10:DA:H2'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:10:DA:H2''	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:10:DA:H3'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:10:DA:H4'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:10:DA:H5'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:10:DA:H5''	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:10:DA:H61	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:10:DA:H62	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:10:DA:H8	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:10:DA:N1	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:10:DA:N3	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:10:DA:N6	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:10:DA:N7	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CA	3:Y:10:DA:N9	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:10:DA:O3'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:10:DA:O4'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:10:DA:O5'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:10:DA:OP1	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:10:DA:OP2	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:10:DA:P	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:11:DT:C1'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:11:DT:C2	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:11:DT:C2'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:11:DT:C3'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:11:DT:C4	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:11:DT:C4'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:11:DT:C5	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:11:DT:C5'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:11:DT:C6	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:11:DT:C7	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:11:DT:H1'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:11:DT:H2'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:11:DT:H2''	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:11:DT:H3	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:11:DT:H3'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:11:DT:H4'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:11:DT:H5'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:11:DT:H5''	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:11:DT:H6	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:11:DT:H71	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:11:DT:H72	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:11:DT:H73	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:11:DT:N1	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:11:DT:N3	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:11:DT:O2	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:11:DT:O3'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:11:DT:O4	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:11:DT:O4'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:11:DT:O5'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:11:DT:OP1	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:11:DT:OP2	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:11:DT:P	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:12:DC:C1'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:12:DC:C2	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:12:DC:C2'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CA	3:Y:12:DC:C3'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:12:DC:C4	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:12:DC:C4'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:12:DC:C5	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:12:DC:C5'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:12:DC:C6	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:12:DC:H1'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:12:DC:H2'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:12:DC:H2''	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:12:DC:H3'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:12:DC:H4'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:12:DC:H41	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:12:DC:H42	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:12:DC:H5	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:12:DC:H5'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:12:DC:H5''	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:12:DC:H6	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:12:DC:N1	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:12:DC:N3	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:12:DC:N4	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:12:DC:O2	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:12:DC:O3'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:12:DC:O4'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:12:DC:O5'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:12:DC:OP1	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:12:DC:OP2	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:12:DC:P	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:13:DA:C1'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:13:DA:C2	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:13:DA:C2'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:13:DA:C3'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:13:DA:C4	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:13:DA:C4'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:13:DA:C5	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:13:DA:C5'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:13:DA:C6	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:13:DA:C8	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:13:DA:H1'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:13:DA:H2	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:13:DA:H2'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:13:DA:H2''	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:13:DA:H3'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CA	3:Y:13:DA:H4'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:13:DA:H5'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:13:DA:H5''	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:13:DA:H61	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:13:DA:H62	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:13:DA:H8	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:13:DA:N1	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:13:DA:N3	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:13:DA:N6	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:13:DA:N7	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:13:DA:N9	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:13:DA:O3'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:13:DA:O4'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:13:DA:O5'	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:13:DA:OP1	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:13:DA:OP2	6	2.02
(1,10)	1:A:20:THR:CA	3:Y:13:DA:P	6	2.02
(1,10)	1:A:20:THR:CB	2:X:3:DT:C1'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:3:DT:C2	6	2.02
(1,10)	1:A:20:THR:CB	2:X:3:DT:C2'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:3:DT:C3'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:3:DT:C4	6	2.02
(1,10)	1:A:20:THR:CB	2:X:3:DT:C4'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:3:DT:C5	6	2.02
(1,10)	1:A:20:THR:CB	2:X:3:DT:C5'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:3:DT:C6	6	2.02
(1,10)	1:A:20:THR:CB	2:X:3:DT:C7	6	2.02
(1,10)	1:A:20:THR:CB	2:X:3:DT:H1'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:3:DT:H2'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:3:DT:H2''	6	2.02
(1,10)	1:A:20:THR:CB	2:X:3:DT:H3	6	2.02
(1,10)	1:A:20:THR:CB	2:X:3:DT:H3'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:3:DT:H4'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:3:DT:H5'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:3:DT:H5''	6	2.02
(1,10)	1:A:20:THR:CB	2:X:3:DT:H6	6	2.02
(1,10)	1:A:20:THR:CB	2:X:3:DT:H71	6	2.02
(1,10)	1:A:20:THR:CB	2:X:3:DT:H72	6	2.02
(1,10)	1:A:20:THR:CB	2:X:3:DT:H73	6	2.02
(1,10)	1:A:20:THR:CB	2:X:3:DT:N1	6	2.02
(1,10)	1:A:20:THR:CB	2:X:3:DT:N3	6	2.02
(1,10)	1:A:20:THR:CB	2:X:3:DT:O2	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CB	2:X:3:DT:O3'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:3:DT:O4	6	2.02
(1,10)	1:A:20:THR:CB	2:X:3:DT:O4'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:3:DT:O5'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:3:DT:OP1	6	2.02
(1,10)	1:A:20:THR:CB	2:X:3:DT:OP2	6	2.02
(1,10)	1:A:20:THR:CB	2:X:3:DT:P	6	2.02
(1,10)	1:A:20:THR:CB	2:X:4:DG:C1'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:4:DG:C2	6	2.02
(1,10)	1:A:20:THR:CB	2:X:4:DG:C2'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:4:DG:C3'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:4:DG:C4	6	2.02
(1,10)	1:A:20:THR:CB	2:X:4:DG:C4'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:4:DG:C5	6	2.02
(1,10)	1:A:20:THR:CB	2:X:4:DG:C5'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:4:DG:C6	6	2.02
(1,10)	1:A:20:THR:CB	2:X:4:DG:C8	6	2.02
(1,10)	1:A:20:THR:CB	2:X:4:DG:H1	6	2.02
(1,10)	1:A:20:THR:CB	2:X:4:DG:H1'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:4:DG:H2'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:4:DG:H2''	6	2.02
(1,10)	1:A:20:THR:CB	2:X:4:DG:H21	6	2.02
(1,10)	1:A:20:THR:CB	2:X:4:DG:H22	6	2.02
(1,10)	1:A:20:THR:CB	2:X:4:DG:H3'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:4:DG:H4'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:4:DG:H5'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:4:DG:H5''	6	2.02
(1,10)	1:A:20:THR:CB	2:X:4:DG:H8	6	2.02
(1,10)	1:A:20:THR:CB	2:X:4:DG:N1	6	2.02
(1,10)	1:A:20:THR:CB	2:X:4:DG:N2	6	2.02
(1,10)	1:A:20:THR:CB	2:X:4:DG:N3	6	2.02
(1,10)	1:A:20:THR:CB	2:X:4:DG:N7	6	2.02
(1,10)	1:A:20:THR:CB	2:X:4:DG:N9	6	2.02
(1,10)	1:A:20:THR:CB	2:X:4:DG:O3'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:4:DG:O4'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:4:DG:O5'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:4:DG:O6	6	2.02
(1,10)	1:A:20:THR:CB	2:X:4:DG:OP1	6	2.02
(1,10)	1:A:20:THR:CB	2:X:4:DG:OP2	6	2.02
(1,10)	1:A:20:THR:CB	2:X:4:DG:P	6	2.02
(1,10)	1:A:20:THR:CB	2:X:5:DA:C1'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:5:DA:C2	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CB	2:X:5:DA:C2'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:5:DA:C3'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:5:DA:C4	6	2.02
(1,10)	1:A:20:THR:CB	2:X:5:DA:C4'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:5:DA:C5	6	2.02
(1,10)	1:A:20:THR:CB	2:X:5:DA:C5'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:5:DA:C6	6	2.02
(1,10)	1:A:20:THR:CB	2:X:5:DA:C8	6	2.02
(1,10)	1:A:20:THR:CB	2:X:5:DA:H1'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:5:DA:H2	6	2.02
(1,10)	1:A:20:THR:CB	2:X:5:DA:H2'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:5:DA:H2''	6	2.02
(1,10)	1:A:20:THR:CB	2:X:5:DA:H3'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:5:DA:H4'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:5:DA:H5'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:5:DA:H5''	6	2.02
(1,10)	1:A:20:THR:CB	2:X:5:DA:H61	6	2.02
(1,10)	1:A:20:THR:CB	2:X:5:DA:H62	6	2.02
(1,10)	1:A:20:THR:CB	2:X:5:DA:H8	6	2.02
(1,10)	1:A:20:THR:CB	2:X:5:DA:N1	6	2.02
(1,10)	1:A:20:THR:CB	2:X:5:DA:N3	6	2.02
(1,10)	1:A:20:THR:CB	2:X:5:DA:N6	6	2.02
(1,10)	1:A:20:THR:CB	2:X:5:DA:N7	6	2.02
(1,10)	1:A:20:THR:CB	2:X:5:DA:N9	6	2.02
(1,10)	1:A:20:THR:CB	2:X:5:DA:O3'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:5:DA:O4'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:5:DA:O5'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:5:DA:OP1	6	2.02
(1,10)	1:A:20:THR:CB	2:X:5:DA:OP2	6	2.02
(1,10)	1:A:20:THR:CB	2:X:5:DA:P	6	2.02
(1,10)	1:A:20:THR:CB	2:X:6:DT:C1'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:6:DT:C2	6	2.02
(1,10)	1:A:20:THR:CB	2:X:6:DT:C2'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:6:DT:C3'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:6:DT:C4	6	2.02
(1,10)	1:A:20:THR:CB	2:X:6:DT:C4'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:6:DT:C5	6	2.02
(1,10)	1:A:20:THR:CB	2:X:6:DT:C5'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:6:DT:C6	6	2.02
(1,10)	1:A:20:THR:CB	2:X:6:DT:C7	6	2.02
(1,10)	1:A:20:THR:CB	2:X:6:DT:H1'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:6:DT:H2'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CB	2:X:6:DT:H2''	6	2.02
(1,10)	1:A:20:THR:CB	2:X:6:DT:H3	6	2.02
(1,10)	1:A:20:THR:CB	2:X:6:DT:H3'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:6:DT:H4'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:6:DT:H5'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:6:DT:H5''	6	2.02
(1,10)	1:A:20:THR:CB	2:X:6:DT:H6	6	2.02
(1,10)	1:A:20:THR:CB	2:X:6:DT:H71	6	2.02
(1,10)	1:A:20:THR:CB	2:X:6:DT:H72	6	2.02
(1,10)	1:A:20:THR:CB	2:X:6:DT:H73	6	2.02
(1,10)	1:A:20:THR:CB	2:X:6:DT:N1	6	2.02
(1,10)	1:A:20:THR:CB	2:X:6:DT:N3	6	2.02
(1,10)	1:A:20:THR:CB	2:X:6:DT:O2	6	2.02
(1,10)	1:A:20:THR:CB	2:X:6:DT:O3'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:6:DT:O4	6	2.02
(1,10)	1:A:20:THR:CB	2:X:6:DT:O4'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:6:DT:O5'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:6:DT:OP1	6	2.02
(1,10)	1:A:20:THR:CB	2:X:6:DT:OP2	6	2.02
(1,10)	1:A:20:THR:CB	2:X:6:DT:P	6	2.02
(1,10)	1:A:20:THR:CB	2:X:7:DA:C1'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:7:DA:C2	6	2.02
(1,10)	1:A:20:THR:CB	2:X:7:DA:C2'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:7:DA:C3'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:7:DA:C4	6	2.02
(1,10)	1:A:20:THR:CB	2:X:7:DA:C4'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:7:DA:C5	6	2.02
(1,10)	1:A:20:THR:CB	2:X:7:DA:C5'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:7:DA:C6	6	2.02
(1,10)	1:A:20:THR:CB	2:X:7:DA:C8	6	2.02
(1,10)	1:A:20:THR:CB	2:X:7:DA:H1'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:7:DA:H2	6	2.02
(1,10)	1:A:20:THR:CB	2:X:7:DA:H2'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:7:DA:H2''	6	2.02
(1,10)	1:A:20:THR:CB	2:X:7:DA:H3'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:7:DA:H4'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:7:DA:H5'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:7:DA:H5''	6	2.02
(1,10)	1:A:20:THR:CB	2:X:7:DA:H61	6	2.02
(1,10)	1:A:20:THR:CB	2:X:7:DA:H62	6	2.02
(1,10)	1:A:20:THR:CB	2:X:7:DA:H8	6	2.02
(1,10)	1:A:20:THR:CB	2:X:7:DA:N1	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CB	2:X:7:DA:N3	6	2.02
(1,10)	1:A:20:THR:CB	2:X:7:DA:N6	6	2.02
(1,10)	1:A:20:THR:CB	2:X:7:DA:N7	6	2.02
(1,10)	1:A:20:THR:CB	2:X:7:DA:N9	6	2.02
(1,10)	1:A:20:THR:CB	2:X:7:DA:O3'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:7:DA:O4'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:7:DA:O5'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:7:DA:OP1	6	2.02
(1,10)	1:A:20:THR:CB	2:X:7:DA:OP2	6	2.02
(1,10)	1:A:20:THR:CB	2:X:7:DA:P	6	2.02
(1,10)	1:A:20:THR:CB	2:X:8:DT:C1'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:8:DT:C2	6	2.02
(1,10)	1:A:20:THR:CB	2:X:8:DT:C2'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:8:DT:C3'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:8:DT:C4	6	2.02
(1,10)	1:A:20:THR:CB	2:X:8:DT:C4'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:8:DT:C5	6	2.02
(1,10)	1:A:20:THR:CB	2:X:8:DT:C5'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:8:DT:C6	6	2.02
(1,10)	1:A:20:THR:CB	2:X:8:DT:C7	6	2.02
(1,10)	1:A:20:THR:CB	2:X:8:DT:H1'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:8:DT:H2'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:8:DT:H2''	6	2.02
(1,10)	1:A:20:THR:CB	2:X:8:DT:H3	6	2.02
(1,10)	1:A:20:THR:CB	2:X:8:DT:H3'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:8:DT:H4'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:8:DT:H5'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:8:DT:H5''	6	2.02
(1,10)	1:A:20:THR:CB	2:X:8:DT:H6	6	2.02
(1,10)	1:A:20:THR:CB	2:X:8:DT:H71	6	2.02
(1,10)	1:A:20:THR:CB	2:X:8:DT:H72	6	2.02
(1,10)	1:A:20:THR:CB	2:X:8:DT:H73	6	2.02
(1,10)	1:A:20:THR:CB	2:X:8:DT:N1	6	2.02
(1,10)	1:A:20:THR:CB	2:X:8:DT:N3	6	2.02
(1,10)	1:A:20:THR:CB	2:X:8:DT:O2	6	2.02
(1,10)	1:A:20:THR:CB	2:X:8:DT:O3'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:8:DT:O4	6	2.02
(1,10)	1:A:20:THR:CB	2:X:8:DT:O4'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:8:DT:O5'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:8:DT:OP1	6	2.02
(1,10)	1:A:20:THR:CB	2:X:8:DT:OP2	6	2.02
(1,10)	1:A:20:THR:CB	2:X:8:DT:P	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CB	2:X:9:DA:C1'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:9:DA:C2	6	2.02
(1,10)	1:A:20:THR:CB	2:X:9:DA:C2'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:9:DA:C3'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:9:DA:C4	6	2.02
(1,10)	1:A:20:THR:CB	2:X:9:DA:C4'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:9:DA:C5	6	2.02
(1,10)	1:A:20:THR:CB	2:X:9:DA:C5'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:9:DA:C6	6	2.02
(1,10)	1:A:20:THR:CB	2:X:9:DA:C8	6	2.02
(1,10)	1:A:20:THR:CB	2:X:9:DA:H1'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:9:DA:H2	6	2.02
(1,10)	1:A:20:THR:CB	2:X:9:DA:H2'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:9:DA:H2''	6	2.02
(1,10)	1:A:20:THR:CB	2:X:9:DA:H3'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:9:DA:H4'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:9:DA:H5'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:9:DA:H5''	6	2.02
(1,10)	1:A:20:THR:CB	2:X:9:DA:H61	6	2.02
(1,10)	1:A:20:THR:CB	2:X:9:DA:H62	6	2.02
(1,10)	1:A:20:THR:CB	2:X:9:DA:H8	6	2.02
(1,10)	1:A:20:THR:CB	2:X:9:DA:N1	6	2.02
(1,10)	1:A:20:THR:CB	2:X:9:DA:N3	6	2.02
(1,10)	1:A:20:THR:CB	2:X:9:DA:N6	6	2.02
(1,10)	1:A:20:THR:CB	2:X:9:DA:N7	6	2.02
(1,10)	1:A:20:THR:CB	2:X:9:DA:N9	6	2.02
(1,10)	1:A:20:THR:CB	2:X:9:DA:O3'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:9:DA:O4'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:9:DA:O5'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:9:DA:OP1	6	2.02
(1,10)	1:A:20:THR:CB	2:X:9:DA:OP2	6	2.02
(1,10)	1:A:20:THR:CB	2:X:9:DA:P	6	2.02
(1,10)	1:A:20:THR:CB	2:X:10:DT:C1'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:10:DT:C2	6	2.02
(1,10)	1:A:20:THR:CB	2:X:10:DT:C2'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:10:DT:C3'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:10:DT:C4	6	2.02
(1,10)	1:A:20:THR:CB	2:X:10:DT:C4'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:10:DT:C5	6	2.02
(1,10)	1:A:20:THR:CB	2:X:10:DT:C5'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:10:DT:C6	6	2.02
(1,10)	1:A:20:THR:CB	2:X:10:DT:C7	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CB	2:X:10:DT:H1'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:10:DT:H2'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:10:DT:H2''	6	2.02
(1,10)	1:A:20:THR:CB	2:X:10:DT:H3	6	2.02
(1,10)	1:A:20:THR:CB	2:X:10:DT:H3'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:10:DT:H4'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:10:DT:H5'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:10:DT:H5''	6	2.02
(1,10)	1:A:20:THR:CB	2:X:10:DT:H6	6	2.02
(1,10)	1:A:20:THR:CB	2:X:10:DT:H71	6	2.02
(1,10)	1:A:20:THR:CB	2:X:10:DT:H72	6	2.02
(1,10)	1:A:20:THR:CB	2:X:10:DT:H73	6	2.02
(1,10)	1:A:20:THR:CB	2:X:10:DT:N1	6	2.02
(1,10)	1:A:20:THR:CB	2:X:10:DT:N3	6	2.02
(1,10)	1:A:20:THR:CB	2:X:10:DT:O2	6	2.02
(1,10)	1:A:20:THR:CB	2:X:10:DT:O3'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:10:DT:O4	6	2.02
(1,10)	1:A:20:THR:CB	2:X:10:DT:O4'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:10:DT:O5'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:10:DT:OP1	6	2.02
(1,10)	1:A:20:THR:CB	2:X:10:DT:OP2	6	2.02
(1,10)	1:A:20:THR:CB	2:X:10:DT:P	6	2.02
(1,10)	1:A:20:THR:CB	2:X:11:DA:C1'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:11:DA:C2	6	2.02
(1,10)	1:A:20:THR:CB	2:X:11:DA:C2'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:11:DA:C3'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:11:DA:C4	6	2.02
(1,10)	1:A:20:THR:CB	2:X:11:DA:C4'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:11:DA:C5	6	2.02
(1,10)	1:A:20:THR:CB	2:X:11:DA:C5'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:11:DA:C6	6	2.02
(1,10)	1:A:20:THR:CB	2:X:11:DA:C8	6	2.02
(1,10)	1:A:20:THR:CB	2:X:11:DA:H1'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:11:DA:H2	6	2.02
(1,10)	1:A:20:THR:CB	2:X:11:DA:H2'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:11:DA:H2''	6	2.02
(1,10)	1:A:20:THR:CB	2:X:11:DA:H3'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:11:DA:H4'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:11:DA:H5'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:11:DA:H5''	6	2.02
(1,10)	1:A:20:THR:CB	2:X:11:DA:H61	6	2.02
(1,10)	1:A:20:THR:CB	2:X:11:DA:H62	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CB	2:X:11:DA:H8	6	2.02
(1,10)	1:A:20:THR:CB	2:X:11:DA:N1	6	2.02
(1,10)	1:A:20:THR:CB	2:X:11:DA:N3	6	2.02
(1,10)	1:A:20:THR:CB	2:X:11:DA:N6	6	2.02
(1,10)	1:A:20:THR:CB	2:X:11:DA:N7	6	2.02
(1,10)	1:A:20:THR:CB	2:X:11:DA:N9	6	2.02
(1,10)	1:A:20:THR:CB	2:X:11:DA:O3'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:11:DA:O4'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:11:DA:O5'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:11:DA:OP1	6	2.02
(1,10)	1:A:20:THR:CB	2:X:11:DA:OP2	6	2.02
(1,10)	1:A:20:THR:CB	2:X:11:DA:P	6	2.02
(1,10)	1:A:20:THR:CB	2:X:12:DG:C1'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:12:DG:C2	6	2.02
(1,10)	1:A:20:THR:CB	2:X:12:DG:C2'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:12:DG:C3'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:12:DG:C4	6	2.02
(1,10)	1:A:20:THR:CB	2:X:12:DG:C4'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:12:DG:C5	6	2.02
(1,10)	1:A:20:THR:CB	2:X:12:DG:C5'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:12:DG:C6	6	2.02
(1,10)	1:A:20:THR:CB	2:X:12:DG:C8	6	2.02
(1,10)	1:A:20:THR:CB	2:X:12:DG:H1	6	2.02
(1,10)	1:A:20:THR:CB	2:X:12:DG:H1'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:12:DG:H2'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:12:DG:H2''	6	2.02
(1,10)	1:A:20:THR:CB	2:X:12:DG:H21	6	2.02
(1,10)	1:A:20:THR:CB	2:X:12:DG:H22	6	2.02
(1,10)	1:A:20:THR:CB	2:X:12:DG:H3'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:12:DG:H4'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:12:DG:H5'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:12:DG:H5''	6	2.02
(1,10)	1:A:20:THR:CB	2:X:12:DG:H8	6	2.02
(1,10)	1:A:20:THR:CB	2:X:12:DG:N1	6	2.02
(1,10)	1:A:20:THR:CB	2:X:12:DG:N2	6	2.02
(1,10)	1:A:20:THR:CB	2:X:12:DG:N3	6	2.02
(1,10)	1:A:20:THR:CB	2:X:12:DG:N7	6	2.02
(1,10)	1:A:20:THR:CB	2:X:12:DG:N9	6	2.02
(1,10)	1:A:20:THR:CB	2:X:12:DG:O3'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:12:DG:O4'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:12:DG:O5'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:12:DG:O6	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CB	2:X:12:DG:OP1	6	2.02
(1,10)	1:A:20:THR:CB	2:X:12:DG:OP2	6	2.02
(1,10)	1:A:20:THR:CB	2:X:12:DG:P	6	2.02
(1,10)	1:A:20:THR:CB	2:X:13:DT:C1'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:13:DT:C2	6	2.02
(1,10)	1:A:20:THR:CB	2:X:13:DT:C2'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:13:DT:C3'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:13:DT:C4	6	2.02
(1,10)	1:A:20:THR:CB	2:X:13:DT:C4'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:13:DT:C5	6	2.02
(1,10)	1:A:20:THR:CB	2:X:13:DT:C5'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:13:DT:C6	6	2.02
(1,10)	1:A:20:THR:CB	2:X:13:DT:C7	6	2.02
(1,10)	1:A:20:THR:CB	2:X:13:DT:H1'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:13:DT:H2'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:13:DT:H2''	6	2.02
(1,10)	1:A:20:THR:CB	2:X:13:DT:H3	6	2.02
(1,10)	1:A:20:THR:CB	2:X:13:DT:H3'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:13:DT:H4'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:13:DT:H5'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:13:DT:H5''	6	2.02
(1,10)	1:A:20:THR:CB	2:X:13:DT:H6	6	2.02
(1,10)	1:A:20:THR:CB	2:X:13:DT:H71	6	2.02
(1,10)	1:A:20:THR:CB	2:X:13:DT:H72	6	2.02
(1,10)	1:A:20:THR:CB	2:X:13:DT:H73	6	2.02
(1,10)	1:A:20:THR:CB	2:X:13:DT:N1	6	2.02
(1,10)	1:A:20:THR:CB	2:X:13:DT:N3	6	2.02
(1,10)	1:A:20:THR:CB	2:X:13:DT:O2	6	2.02
(1,10)	1:A:20:THR:CB	2:X:13:DT:O3'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:13:DT:O4	6	2.02
(1,10)	1:A:20:THR:CB	2:X:13:DT:O4'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:13:DT:O5'	6	2.02
(1,10)	1:A:20:THR:CB	2:X:13:DT:OP1	6	2.02
(1,10)	1:A:20:THR:CB	2:X:13:DT:OP2	6	2.02
(1,10)	1:A:20:THR:CB	2:X:13:DT:P	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:3:DA:C1'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:3:DA:C2	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:3:DA:C2'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:3:DA:C3'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:3:DA:C4	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:3:DA:C4'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:3:DA:C5	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CB	3:Y:3:DA:C5'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:3:DA:C6	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:3:DA:C8	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:3:DA:H1'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:3:DA:H2	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:3:DA:H2'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:3:DA:H2''	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:3:DA:H3'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:3:DA:H4'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:3:DA:H5'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:3:DA:H5''	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:3:DA:H61	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:3:DA:H62	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:3:DA:H8	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:3:DA:N1	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:3:DA:N3	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:3:DA:N6	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:3:DA:N7	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:3:DA:N9	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:3:DA:O3'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:3:DA:O4'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:3:DA:O5'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:3:DA:OP1	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:3:DA:OP2	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:3:DA:P	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:4:DC:C1'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:4:DC:C2	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:4:DC:C2'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:4:DC:C3'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:4:DC:C4	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:4:DC:C4'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:4:DC:C5	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:4:DC:C5'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:4:DC:C6	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:4:DC:H1'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:4:DC:H2'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:4:DC:H2''	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:4:DC:H3'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:4:DC:H4'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:4:DC:H41	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:4:DC:H42	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:4:DC:H5	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CB	3:Y:4:DC:H5'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:4:DC:H5''	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:4:DC:H6	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:4:DC:N1	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:4:DC:N3	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:4:DC:N4	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:4:DC:O2	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:4:DC:O3'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:4:DC:O4'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:4:DC:O5'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:4:DC:OP1	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:4:DC:OP2	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:4:DC:P	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:5:DT:C1'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:5:DT:C2	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:5:DT:C2'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:5:DT:C3'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:5:DT:C4	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:5:DT:C4'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:5:DT:C5	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:5:DT:C5'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:5:DT:C6	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:5:DT:C7	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:5:DT:H1'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:5:DT:H2'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:5:DT:H2''	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:5:DT:H3	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:5:DT:H3'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:5:DT:H4'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:5:DT:H5'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:5:DT:H5''	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:5:DT:H6	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:5:DT:H71	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:5:DT:H72	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:5:DT:H73	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:5:DT:N1	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:5:DT:N3	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:5:DT:O2	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:5:DT:O3'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:5:DT:O4	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:5:DT:O4'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:5:DT:O5'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CB	3:Y:5:DT:OP1	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:5:DT:OP2	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:5:DT:P	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:6:DA:C1'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:6:DA:C2	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:6:DA:C2'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:6:DA:C3'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:6:DA:C4	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:6:DA:C4'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:6:DA:C5	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:6:DA:C5'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:6:DA:C6	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:6:DA:C8	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:6:DA:H1'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:6:DA:H2	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:6:DA:H2'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:6:DA:H2''	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:6:DA:H3'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:6:DA:H4'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:6:DA:H5'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:6:DA:H5''	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:6:DA:H61	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:6:DA:H62	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:6:DA:H8	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:6:DA:N1	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:6:DA:N3	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:6:DA:N6	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:6:DA:N7	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:6:DA:N9	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:6:DA:O3'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:6:DA:O4'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:6:DA:O5'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:6:DA:OP1	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:6:DA:OP2	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:6:DA:P	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:7:DT:C1'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:7:DT:C2	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:7:DT:C2'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:7:DT:C3'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:7:DT:C4	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:7:DT:C4'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:7:DT:C5	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CB	3:Y:7:DT:C5'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:7:DT:C6	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:7:DT:C7	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:7:DT:H1'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:7:DT:H2'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:7:DT:H2''	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:7:DT:H3	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:7:DT:H3'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:7:DT:H4'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:7:DT:H5'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:7:DT:H5''	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:7:DT:H6	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:7:DT:H71	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:7:DT:H72	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:7:DT:H73	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:7:DT:N1	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:7:DT:N3	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:7:DT:O2	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:7:DT:O3'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:7:DT:O4	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:7:DT:O4'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:7:DT:O5'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:7:DT:OP1	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:7:DT:OP2	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:7:DT:P	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:8:DA:C1'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:8:DA:C2	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:8:DA:C2'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:8:DA:C3'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:8:DA:C4	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:8:DA:C4'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:8:DA:C5	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:8:DA:C5'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:8:DA:C6	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:8:DA:C8	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:8:DA:H1'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:8:DA:H2	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:8:DA:H2'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:8:DA:H2''	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:8:DA:H3'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:8:DA:H4'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:8:DA:H5'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CB	3:Y:8:DA:H5''	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:8:DA:H61	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:8:DA:H62	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:8:DA:H8	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:8:DA:N1	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:8:DA:N3	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:8:DA:N6	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:8:DA:N7	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:8:DA:N9	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:8:DA:O3'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:8:DA:O4'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:8:DA:O5'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:8:DA:OP1	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:8:DA:OP2	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:8:DA:P	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:9:DT:C1'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:9:DT:C2	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:9:DT:C2'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:9:DT:C3'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:9:DT:C4	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:9:DT:C4'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:9:DT:C5	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:9:DT:C5'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:9:DT:C6	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:9:DT:C7	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:9:DT:H1'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:9:DT:H2'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:9:DT:H2''	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:9:DT:H3	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:9:DT:H3'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:9:DT:H4'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:9:DT:H5'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:9:DT:H5''	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:9:DT:H6	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:9:DT:H71	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:9:DT:H72	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:9:DT:H73	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:9:DT:N1	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:9:DT:N3	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:9:DT:O2	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:9:DT:O3'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:9:DT:O4	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CB	3:Y:9:DT:O4'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:9:DT:O5'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:9:DT:OP1	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:9:DT:OP2	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:9:DT:P	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:10:DA:C1'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:10:DA:C2	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:10:DA:C2'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:10:DA:C3'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:10:DA:C4	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:10:DA:C4'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:10:DA:C5	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:10:DA:C5'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:10:DA:C6	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:10:DA:C8	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:10:DA:H1'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:10:DA:H2	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:10:DA:H2'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:10:DA:H2''	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:10:DA:H3'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:10:DA:H4'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:10:DA:H5'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:10:DA:H5''	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:10:DA:H61	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:10:DA:H62	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:10:DA:H8	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:10:DA:N1	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:10:DA:N3	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:10:DA:N6	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:10:DA:N7	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:10:DA:N9	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:10:DA:O3'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:10:DA:O4'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:10:DA:O5'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:10:DA:OP1	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:10:DA:OP2	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:10:DA:P	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:11:DT:C1'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:11:DT:C2	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:11:DT:C2'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:11:DT:C3'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:11:DT:C4	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CB	3:Y:11:DT:C4'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:11:DT:C5	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:11:DT:C5'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:11:DT:C6	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:11:DT:C7	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:11:DT:H1'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:11:DT:H2'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:11:DT:H2''	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:11:DT:H3	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:11:DT:H3'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:11:DT:H4'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:11:DT:H5'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:11:DT:H5''	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:11:DT:H6	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:11:DT:H71	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:11:DT:H72	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:11:DT:H73	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:11:DT:N1	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:11:DT:N3	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:11:DT:O2	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:11:DT:O3'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:11:DT:O4	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:11:DT:O4'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:11:DT:O5'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:11:DT:OP1	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:11:DT:OP2	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:11:DT:P	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:12:DC:C1'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:12:DC:C2	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:12:DC:C2'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:12:DC:C3'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:12:DC:C4	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:12:DC:C4'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:12:DC:C5	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:12:DC:C5'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:12:DC:C6	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:12:DC:H1'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:12:DC:H2'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:12:DC:H2''	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:12:DC:H3'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:12:DC:H4'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:12:DC:H41	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CB	3:Y:12:DC:H42	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:12:DC:H5	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:12:DC:H5'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:12:DC:H5''	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:12:DC:H6	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:12:DC:N1	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:12:DC:N3	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:12:DC:N4	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:12:DC:O2	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:12:DC:O3'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:12:DC:O4'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:12:DC:O5'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:12:DC:OP1	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:12:DC:OP2	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:12:DC:P	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:13:DA:C1'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:13:DA:C2	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:13:DA:C2'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:13:DA:C3'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:13:DA:C4	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:13:DA:C4'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:13:DA:C5	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:13:DA:C5'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:13:DA:C6	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:13:DA:C8	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:13:DA:H1'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:13:DA:H2	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:13:DA:H2'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:13:DA:H2''	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:13:DA:H3'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:13:DA:H4'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:13:DA:H5'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:13:DA:H5''	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:13:DA:H61	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:13:DA:H62	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:13:DA:H8	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:13:DA:N1	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:13:DA:N3	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:13:DA:N6	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:13:DA:N7	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:13:DA:N9	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:13:DA:O3'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CB	3:Y:13:DA:O4'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:13:DA:O5'	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:13:DA:OP1	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:13:DA:OP2	6	2.02
(1,10)	1:A:20:THR:CB	3:Y:13:DA:P	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:3:DT:C1'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:3:DT:C2	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:3:DT:C2'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:3:DT:C3'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:3:DT:C4	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:3:DT:C4'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:3:DT:C5	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:3:DT:C5'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:3:DT:C6	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:3:DT:C7	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:3:DT:H1'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:3:DT:H2'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:3:DT:H2''	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:3:DT:H3	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:3:DT:H3'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:3:DT:H4'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:3:DT:H5'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:3:DT:H5''	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:3:DT:H6	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:3:DT:H71	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:3:DT:H72	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:3:DT:H73	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:3:DT:N1	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:3:DT:N3	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:3:DT:O2	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:3:DT:O3'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:3:DT:O4	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:3:DT:O4'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:3:DT:O5'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:3:DT:OP1	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:3:DT:OP2	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:3:DT:P	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:4:DG:C1'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:4:DG:C2	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:4:DG:C2'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:4:DG:C3'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:4:DG:C4	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CG2	2:X:4:DG:C4'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:4:DG:C5	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:4:DG:C5'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:4:DG:C6	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:4:DG:C8	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:4:DG:H1	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:4:DG:H1'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:4:DG:H2'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:4:DG:H2''	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:4:DG:H21	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:4:DG:H22	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:4:DG:H3'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:4:DG:H4'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:4:DG:H5'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:4:DG:H5''	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:4:DG:H8	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:4:DG:N1	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:4:DG:N2	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:4:DG:N3	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:4:DG:N7	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:4:DG:N9	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:4:DG:O3'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:4:DG:O4'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:4:DG:O5'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:4:DG:O6	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:4:DG:OP1	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:4:DG:OP2	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:4:DG:P	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:5:DA:C1'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:5:DA:C2	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:5:DA:C2'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:5:DA:C3'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:5:DA:C4	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:5:DA:C4'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:5:DA:C5	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:5:DA:C5'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:5:DA:C6	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:5:DA:C8	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:5:DA:H1'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:5:DA:H2	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:5:DA:H2'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:5:DA:H2''	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CG2	2:X:5:DA:H3'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:5:DA:H4'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:5:DA:H5'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:5:DA:H5''	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:5:DA:H61	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:5:DA:H62	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:5:DA:H8	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:5:DA:N1	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:5:DA:N3	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:5:DA:N6	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:5:DA:N7	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:5:DA:N9	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:5:DA:O3'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:5:DA:O4'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:5:DA:O5'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:5:DA:OP1	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:5:DA:OP2	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:5:DA:P	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:6:DT:C1'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:6:DT:C2	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:6:DT:C2'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:6:DT:C3'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:6:DT:C4	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:6:DT:C4'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:6:DT:C5	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:6:DT:C5'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:6:DT:C6	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:6:DT:C7	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:6:DT:H1'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:6:DT:H2'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:6:DT:H2''	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:6:DT:H3	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:6:DT:H3'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:6:DT:H4'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:6:DT:H5'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:6:DT:H5''	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:6:DT:H6	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:6:DT:H71	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:6:DT:H72	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:6:DT:H73	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:6:DT:N1	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:6:DT:N3	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CG2	2:X:6:DT:O2	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:6:DT:O3'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:6:DT:O4	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:6:DT:O4'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:6:DT:O5'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:6:DT:OP1	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:6:DT:OP2	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:6:DT:P	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:7:DA:C1'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:7:DA:C2	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:7:DA:C2'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:7:DA:C3'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:7:DA:C4	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:7:DA:C4'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:7:DA:C5	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:7:DA:C5'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:7:DA:C6	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:7:DA:C8	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:7:DA:H1'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:7:DA:H2	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:7:DA:H2'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:7:DA:H2''	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:7:DA:H3'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:7:DA:H4'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:7:DA:H5'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:7:DA:H5''	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:7:DA:H61	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:7:DA:H62	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:7:DA:H8	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:7:DA:N1	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:7:DA:N3	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:7:DA:N6	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:7:DA:N7	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:7:DA:N9	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:7:DA:O3'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:7:DA:O4'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:7:DA:O5'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:7:DA:OP1	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:7:DA:OP2	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:7:DA:P	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:8:DT:C1'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:8:DT:C2	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CG2	2:X:8:DT:C2'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:8:DT:C3'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:8:DT:C4	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:8:DT:C4'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:8:DT:C5	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:8:DT:C5'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:8:DT:C6	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:8:DT:C7	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:8:DT:H1'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:8:DT:H2'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:8:DT:H2''	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:8:DT:H3	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:8:DT:H3'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:8:DT:H4'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:8:DT:H5'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:8:DT:H5''	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:8:DT:H6	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:8:DT:H71	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:8:DT:H72	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:8:DT:H73	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:8:DT:N1	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:8:DT:N3	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:8:DT:O2	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:8:DT:O3'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:8:DT:O4	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:8:DT:O4'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:8:DT:O5'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:8:DT:OP1	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:8:DT:OP2	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:8:DT:P	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:9:DA:C1'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:9:DA:C2	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:9:DA:C2'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:9:DA:C3'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:9:DA:C4	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:9:DA:C4'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:9:DA:C5	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:9:DA:C5'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:9:DA:C6	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:9:DA:C8	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:9:DA:H1'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:9:DA:H2	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CG2	2:X:9:DA:H2'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:9:DA:H2''	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:9:DA:H3'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:9:DA:H4'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:9:DA:H5'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:9:DA:H5''	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:9:DA:H61	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:9:DA:H62	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:9:DA:H8	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:9:DA:N1	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:9:DA:N3	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:9:DA:N6	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:9:DA:N7	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:9:DA:N9	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:9:DA:O3'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:9:DA:O4'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:9:DA:O5'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:9:DA:OP1	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:9:DA:OP2	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:9:DA:P	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:10:DT:C1'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:10:DT:C2	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:10:DT:C2'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:10:DT:C3'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:10:DT:C4	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:10:DT:C4'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:10:DT:C5	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:10:DT:C5'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:10:DT:C6	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:10:DT:C7	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:10:DT:H1'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:10:DT:H2'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:10:DT:H2''	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:10:DT:H3	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:10:DT:H3'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:10:DT:H4'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:10:DT:H5'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:10:DT:H5''	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:10:DT:H6	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:10:DT:H71	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:10:DT:H72	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:10:DT:H73	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CG2	2:X:10:DT:N1	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:10:DT:N3	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:10:DT:O2	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:10:DT:O3'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:10:DT:O4	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:10:DT:O4'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:10:DT:O5'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:10:DT:OP1	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:10:DT:OP2	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:10:DT:P	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:11:DA:C1'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:11:DA:C2	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:11:DA:C2'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:11:DA:C3'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:11:DA:C4	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:11:DA:C4'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:11:DA:C5	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:11:DA:C5'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:11:DA:C6	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:11:DA:C8	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:11:DA:H1'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:11:DA:H2	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:11:DA:H2'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:11:DA:H2''	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:11:DA:H3'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:11:DA:H4'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:11:DA:H5'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:11:DA:H5''	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:11:DA:H61	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:11:DA:H62	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:11:DA:H8	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:11:DA:N1	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:11:DA:N3	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:11:DA:N6	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:11:DA:N7	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:11:DA:N9	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:11:DA:O3'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:11:DA:O4'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:11:DA:O5'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:11:DA:OP1	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:11:DA:OP2	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:11:DA:P	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CG2	2:X:12:DG:C1'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:12:DG:C2	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:12:DG:C2'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:12:DG:C3'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:12:DG:C4	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:12:DG:C4'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:12:DG:C5	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:12:DG:C5'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:12:DG:C6	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:12:DG:C8	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:12:DG:H1	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:12:DG:H1'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:12:DG:H2'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:12:DG:H2''	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:12:DG:H21	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:12:DG:H22	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:12:DG:H3'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:12:DG:H4'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:12:DG:H5'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:12:DG:H5''	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:12:DG:H8	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:12:DG:N1	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:12:DG:N2	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:12:DG:N3	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:12:DG:N7	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:12:DG:N9	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:12:DG:O3'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:12:DG:O4'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:12:DG:O5'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:12:DG:O6	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:12:DG:OP1	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:12:DG:OP2	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:12:DG:P	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:13:DT:C1'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:13:DT:C2	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:13:DT:C2'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:13:DT:C3'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:13:DT:C4	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:13:DT:C4'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:13:DT:C5	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:13:DT:C5'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:13:DT:C6	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CG2	2:X:13:DT:C7	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:13:DT:H1'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:13:DT:H2'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:13:DT:H2''	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:13:DT:H3	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:13:DT:H3'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:13:DT:H4'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:13:DT:H5'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:13:DT:H5''	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:13:DT:H6	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:13:DT:H71	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:13:DT:H72	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:13:DT:H73	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:13:DT:N1	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:13:DT:N3	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:13:DT:O2	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:13:DT:O3'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:13:DT:O4	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:13:DT:O4'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:13:DT:O5'	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:13:DT:OP1	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:13:DT:OP2	6	2.02
(1,10)	1:A:20:THR:CG2	2:X:13:DT:P	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:C1'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:C2	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:C2'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:C3'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:C4	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:C4'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:C5	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:C5'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:C6	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:C8	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:H1'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:H2	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:H2'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:H2''	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:H3'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:H4'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:H5'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:H5''	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:H61	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:H62	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:H8	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:N1	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:N3	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:N6	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:N7	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:N9	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:O3'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:O4'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:O5'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:OP1	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:OP2	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:P	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:C1'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:C2	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:C2'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:C3'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:C4	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:C4'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:C5	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:C5'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:C6	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:H1'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:H2'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:H2''	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:H3'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:H4'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:H41	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:H42	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:H5	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:H5'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:H5''	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:H6	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:N1	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:N3	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:N4	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:O2	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:O3'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:O4'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:O5'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:OP1	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:OP2	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:P	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:C1'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:C2	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:C2'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:C3'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:C4	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:C4'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:C5	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:C5'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:C6	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:C7	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:H1'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:H2'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:H2''	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:H3	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:H3'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:H4'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:H5'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:H5''	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:H6	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:H71	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:H72	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:H73	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:N1	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:N3	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:O2	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:O3'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:O4	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:O4'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:O5'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:OP1	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:OP2	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:P	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:C1'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:C2	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:C2'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:C3'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:C4	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:C4'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:C5	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:C5'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:C6	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:C8	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:H1'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:H2	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:H2'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:H2''	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:H3'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:H4'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:H5'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:H5''	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:H61	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:H62	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:H8	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:N1	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:N3	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:N6	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:N7	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:N9	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:O3'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:O4'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:O5'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:OP1	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:OP2	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:P	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:C1'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:C2	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:C2'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:C3'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:C4	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:C4'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:C5	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:C5'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:C6	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:C7	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:H1'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:H2'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:H2''	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:H3	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:H3'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:H4'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:H5'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:H5''	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:H6	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:H71	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:H72	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:H73	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:N1	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:N3	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:O2	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:O3'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:O4	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:O4'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:O5'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:OP1	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:OP2	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:P	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:C1'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:C2	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:C2'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:C3'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:C4	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:C4'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:C5	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:C5'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:C6	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:C8	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:H1'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:H2	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:H2'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:H2''	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:H3'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:H4'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:H5'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:H5''	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:H61	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:H62	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:H8	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:N1	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:N3	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:N6	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:N7	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:N9	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:O3'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:O4'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:O5'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:OP1	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:OP2	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:P	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:C1'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:C2	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:C2'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:C3'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:C4	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:C4'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:C5	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:C5'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:C6	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:C7	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:H1'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:H2'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:H2''	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:H3	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:H3'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:H4'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:H5'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:H5''	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:H6	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:H71	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:H72	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:H73	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:N1	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:N3	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:O2	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:O3'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:O4	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:O4'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:O5'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:OP1	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:OP2	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:P	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:C1'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:C2	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:C2'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:C3'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:C4	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:C4'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:C5	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:C5'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:C6	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:C8	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:H1'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:H2	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:H2'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:H2''	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:H3'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:H4'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:H5'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:H5''	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:H61	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:H62	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:H8	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:N1	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:N3	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:N6	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:N7	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:N9	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:O3'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:O4'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:O5'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:OP1	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:OP2	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:P	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:C1'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:C2	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:C2'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:C3'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:C4	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:C4'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:C5	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:C5'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:C6	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:C7	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:H1'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:H2'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:H2''	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:H3	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:H3'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:H4'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:H5'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:H5''	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:H6	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:H71	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:H72	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:H73	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:N1	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:N3	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:O2	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:O3'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:O4	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:O4'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:O5'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:OP1	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:OP2	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:P	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:C1'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:C2	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:C2'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:C3'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:C4	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:C4'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:C5	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:C5'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:C6	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:H1'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:H2'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:H2''	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:H3'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:H4'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:H41	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:H42	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:H5	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:H5'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:H5''	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:H6	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:N1	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:N3	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:N4	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:O2	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:O3'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:O4'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:O5'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:OP1	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:OP2	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:P	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:C1'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:C2	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:C2'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:C3'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:C4	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:C4'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:C5	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:C5'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:C6	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:C8	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:H1'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:H2	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:H2'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:H2''	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:H3'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:H4'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:H5'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:H5''	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:H61	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:H62	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:H8	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:N1	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:N3	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:N6	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:N7	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:N9	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:O3'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:O4'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:O5'	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:OP1	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:OP2	6	2.02
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:P	6	2.02
(1,10)	1:A:20:THR:H	2:X:3:DT:C1'	6	2.02
(1,10)	1:A:20:THR:H	2:X:3:DT:C2	6	2.02
(1,10)	1:A:20:THR:H	2:X:3:DT:C2'	6	2.02
(1,10)	1:A:20:THR:H	2:X:3:DT:C3'	6	2.02
(1,10)	1:A:20:THR:H	2:X:3:DT:C4	6	2.02
(1,10)	1:A:20:THR:H	2:X:3:DT:C4'	6	2.02
(1,10)	1:A:20:THR:H	2:X:3:DT:C5	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:H	2:X:3:DT:C5'	6	2.02
(1,10)	1:A:20:THR:H	2:X:3:DT:C6	6	2.02
(1,10)	1:A:20:THR:H	2:X:3:DT:C7	6	2.02
(1,10)	1:A:20:THR:H	2:X:3:DT:H1'	6	2.02
(1,10)	1:A:20:THR:H	2:X:3:DT:H2'	6	2.02
(1,10)	1:A:20:THR:H	2:X:3:DT:H2''	6	2.02
(1,10)	1:A:20:THR:H	2:X:3:DT:H3	6	2.02
(1,10)	1:A:20:THR:H	2:X:3:DT:H3'	6	2.02
(1,10)	1:A:20:THR:H	2:X:3:DT:H4'	6	2.02
(1,10)	1:A:20:THR:H	2:X:3:DT:H5'	6	2.02
(1,10)	1:A:20:THR:H	2:X:3:DT:H5''	6	2.02
(1,10)	1:A:20:THR:H	2:X:3:DT:H6	6	2.02
(1,10)	1:A:20:THR:H	2:X:3:DT:H71	6	2.02
(1,10)	1:A:20:THR:H	2:X:3:DT:H72	6	2.02
(1,10)	1:A:20:THR:H	2:X:3:DT:H73	6	2.02
(1,10)	1:A:20:THR:H	2:X:3:DT:N1	6	2.02
(1,10)	1:A:20:THR:H	2:X:3:DT:N3	6	2.02
(1,10)	1:A:20:THR:H	2:X:3:DT:O2	6	2.02
(1,10)	1:A:20:THR:H	2:X:3:DT:O3'	6	2.02
(1,10)	1:A:20:THR:H	2:X:3:DT:O4	6	2.02
(1,10)	1:A:20:THR:H	2:X:3:DT:O4'	6	2.02
(1,10)	1:A:20:THR:H	2:X:3:DT:O5'	6	2.02
(1,10)	1:A:20:THR:H	2:X:3:DT:OP1	6	2.02
(1,10)	1:A:20:THR:H	2:X:3:DT:OP2	6	2.02
(1,10)	1:A:20:THR:H	2:X:3:DT:P	6	2.02
(1,10)	1:A:20:THR:H	2:X:4:DG:C1'	6	2.02
(1,10)	1:A:20:THR:H	2:X:4:DG:C2	6	2.02
(1,10)	1:A:20:THR:H	2:X:4:DG:C2'	6	2.02
(1,10)	1:A:20:THR:H	2:X:4:DG:C3'	6	2.02
(1,10)	1:A:20:THR:H	2:X:4:DG:C4	6	2.02
(1,10)	1:A:20:THR:H	2:X:4:DG:C4'	6	2.02
(1,10)	1:A:20:THR:H	2:X:4:DG:C5	6	2.02
(1,10)	1:A:20:THR:H	2:X:4:DG:C5'	6	2.02
(1,10)	1:A:20:THR:H	2:X:4:DG:C6	6	2.02
(1,10)	1:A:20:THR:H	2:X:4:DG:C8	6	2.02
(1,10)	1:A:20:THR:H	2:X:4:DG:H1	6	2.02
(1,10)	1:A:20:THR:H	2:X:4:DG:H1'	6	2.02
(1,10)	1:A:20:THR:H	2:X:4:DG:H2'	6	2.02
(1,10)	1:A:20:THR:H	2:X:4:DG:H2''	6	2.02
(1,10)	1:A:20:THR:H	2:X:4:DG:H21	6	2.02
(1,10)	1:A:20:THR:H	2:X:4:DG:H22	6	2.02
(1,10)	1:A:20:THR:H	2:X:4:DG:H3'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:H	2:X:4:DG:H4'	6	2.02
(1,10)	1:A:20:THR:H	2:X:4:DG:H5'	6	2.02
(1,10)	1:A:20:THR:H	2:X:4:DG:H5''	6	2.02
(1,10)	1:A:20:THR:H	2:X:4:DG:H8	6	2.02
(1,10)	1:A:20:THR:H	2:X:4:DG:N1	6	2.02
(1,10)	1:A:20:THR:H	2:X:4:DG:N2	6	2.02
(1,10)	1:A:20:THR:H	2:X:4:DG:N3	6	2.02
(1,10)	1:A:20:THR:H	2:X:4:DG:N7	6	2.02
(1,10)	1:A:20:THR:H	2:X:4:DG:N9	6	2.02
(1,10)	1:A:20:THR:H	2:X:4:DG:O3'	6	2.02
(1,10)	1:A:20:THR:H	2:X:4:DG:O4'	6	2.02
(1,10)	1:A:20:THR:H	2:X:4:DG:O5'	6	2.02
(1,10)	1:A:20:THR:H	2:X:4:DG:O6	6	2.02
(1,10)	1:A:20:THR:H	2:X:4:DG:OP1	6	2.02
(1,10)	1:A:20:THR:H	2:X:4:DG:OP2	6	2.02
(1,10)	1:A:20:THR:H	2:X:4:DG:P	6	2.02
(1,10)	1:A:20:THR:H	2:X:5:DA:C1'	6	2.02
(1,10)	1:A:20:THR:H	2:X:5:DA:C2	6	2.02
(1,10)	1:A:20:THR:H	2:X:5:DA:C2'	6	2.02
(1,10)	1:A:20:THR:H	2:X:5:DA:C3'	6	2.02
(1,10)	1:A:20:THR:H	2:X:5:DA:C4	6	2.02
(1,10)	1:A:20:THR:H	2:X:5:DA:C4'	6	2.02
(1,10)	1:A:20:THR:H	2:X:5:DA:C5	6	2.02
(1,10)	1:A:20:THR:H	2:X:5:DA:C5'	6	2.02
(1,10)	1:A:20:THR:H	2:X:5:DA:C6	6	2.02
(1,10)	1:A:20:THR:H	2:X:5:DA:C8	6	2.02
(1,10)	1:A:20:THR:H	2:X:5:DA:H1'	6	2.02
(1,10)	1:A:20:THR:H	2:X:5:DA:H2	6	2.02
(1,10)	1:A:20:THR:H	2:X:5:DA:H2'	6	2.02
(1,10)	1:A:20:THR:H	2:X:5:DA:H2''	6	2.02
(1,10)	1:A:20:THR:H	2:X:5:DA:H3'	6	2.02
(1,10)	1:A:20:THR:H	2:X:5:DA:H4'	6	2.02
(1,10)	1:A:20:THR:H	2:X:5:DA:H5'	6	2.02
(1,10)	1:A:20:THR:H	2:X:5:DA:H5''	6	2.02
(1,10)	1:A:20:THR:H	2:X:5:DA:H61	6	2.02
(1,10)	1:A:20:THR:H	2:X:5:DA:H62	6	2.02
(1,10)	1:A:20:THR:H	2:X:5:DA:H8	6	2.02
(1,10)	1:A:20:THR:H	2:X:5:DA:N1	6	2.02
(1,10)	1:A:20:THR:H	2:X:5:DA:N3	6	2.02
(1,10)	1:A:20:THR:H	2:X:5:DA:N6	6	2.02
(1,10)	1:A:20:THR:H	2:X:5:DA:N7	6	2.02
(1,10)	1:A:20:THR:H	2:X:5:DA:N9	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:H	2:X:5:DA:O3'	6	2.02
(1,10)	1:A:20:THR:H	2:X:5:DA:O4'	6	2.02
(1,10)	1:A:20:THR:H	2:X:5:DA:O5'	6	2.02
(1,10)	1:A:20:THR:H	2:X:5:DA:OP1	6	2.02
(1,10)	1:A:20:THR:H	2:X:5:DA:OP2	6	2.02
(1,10)	1:A:20:THR:H	2:X:5:DA:P	6	2.02
(1,10)	1:A:20:THR:H	2:X:6:DT:C1'	6	2.02
(1,10)	1:A:20:THR:H	2:X:6:DT:C2	6	2.02
(1,10)	1:A:20:THR:H	2:X:6:DT:C2'	6	2.02
(1,10)	1:A:20:THR:H	2:X:6:DT:C3'	6	2.02
(1,10)	1:A:20:THR:H	2:X:6:DT:C4	6	2.02
(1,10)	1:A:20:THR:H	2:X:6:DT:C4'	6	2.02
(1,10)	1:A:20:THR:H	2:X:6:DT:C5	6	2.02
(1,10)	1:A:20:THR:H	2:X:6:DT:C5'	6	2.02
(1,10)	1:A:20:THR:H	2:X:6:DT:C6	6	2.02
(1,10)	1:A:20:THR:H	2:X:6:DT:C7	6	2.02
(1,10)	1:A:20:THR:H	2:X:6:DT:H1'	6	2.02
(1,10)	1:A:20:THR:H	2:X:6:DT:H2'	6	2.02
(1,10)	1:A:20:THR:H	2:X:6:DT:H2''	6	2.02
(1,10)	1:A:20:THR:H	2:X:6:DT:H3	6	2.02
(1,10)	1:A:20:THR:H	2:X:6:DT:H3'	6	2.02
(1,10)	1:A:20:THR:H	2:X:6:DT:H4'	6	2.02
(1,10)	1:A:20:THR:H	2:X:6:DT:H5'	6	2.02
(1,10)	1:A:20:THR:H	2:X:6:DT:H5''	6	2.02
(1,10)	1:A:20:THR:H	2:X:6:DT:H6	6	2.02
(1,10)	1:A:20:THR:H	2:X:6:DT:H71	6	2.02
(1,10)	1:A:20:THR:H	2:X:6:DT:H72	6	2.02
(1,10)	1:A:20:THR:H	2:X:6:DT:H73	6	2.02
(1,10)	1:A:20:THR:H	2:X:6:DT:N1	6	2.02
(1,10)	1:A:20:THR:H	2:X:6:DT:N3	6	2.02
(1,10)	1:A:20:THR:H	2:X:6:DT:O2	6	2.02
(1,10)	1:A:20:THR:H	2:X:6:DT:O3'	6	2.02
(1,10)	1:A:20:THR:H	2:X:6:DT:O4	6	2.02
(1,10)	1:A:20:THR:H	2:X:6:DT:O4'	6	2.02
(1,10)	1:A:20:THR:H	2:X:6:DT:O5'	6	2.02
(1,10)	1:A:20:THR:H	2:X:6:DT:OP1	6	2.02
(1,10)	1:A:20:THR:H	2:X:6:DT:OP2	6	2.02
(1,10)	1:A:20:THR:H	2:X:6:DT:P	6	2.02
(1,10)	1:A:20:THR:H	2:X:7:DA:C1'	6	2.02
(1,10)	1:A:20:THR:H	2:X:7:DA:C2	6	2.02
(1,10)	1:A:20:THR:H	2:X:7:DA:C2'	6	2.02
(1,10)	1:A:20:THR:H	2:X:7:DA:C3'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:H	2:X:7:DA:C4	6	2.02
(1,10)	1:A:20:THR:H	2:X:7:DA:C4'	6	2.02
(1,10)	1:A:20:THR:H	2:X:7:DA:C5	6	2.02
(1,10)	1:A:20:THR:H	2:X:7:DA:C5'	6	2.02
(1,10)	1:A:20:THR:H	2:X:7:DA:C6	6	2.02
(1,10)	1:A:20:THR:H	2:X:7:DA:C8	6	2.02
(1,10)	1:A:20:THR:H	2:X:7:DA:H1'	6	2.02
(1,10)	1:A:20:THR:H	2:X:7:DA:H2	6	2.02
(1,10)	1:A:20:THR:H	2:X:7:DA:H2'	6	2.02
(1,10)	1:A:20:THR:H	2:X:7:DA:H2''	6	2.02
(1,10)	1:A:20:THR:H	2:X:7:DA:H3'	6	2.02
(1,10)	1:A:20:THR:H	2:X:7:DA:H4'	6	2.02
(1,10)	1:A:20:THR:H	2:X:7:DA:H5'	6	2.02
(1,10)	1:A:20:THR:H	2:X:7:DA:H5''	6	2.02
(1,10)	1:A:20:THR:H	2:X:7:DA:H61	6	2.02
(1,10)	1:A:20:THR:H	2:X:7:DA:H62	6	2.02
(1,10)	1:A:20:THR:H	2:X:7:DA:H8	6	2.02
(1,10)	1:A:20:THR:H	2:X:7:DA:N1	6	2.02
(1,10)	1:A:20:THR:H	2:X:7:DA:N3	6	2.02
(1,10)	1:A:20:THR:H	2:X:7:DA:N6	6	2.02
(1,10)	1:A:20:THR:H	2:X:7:DA:N7	6	2.02
(1,10)	1:A:20:THR:H	2:X:7:DA:N9	6	2.02
(1,10)	1:A:20:THR:H	2:X:7:DA:O3'	6	2.02
(1,10)	1:A:20:THR:H	2:X:7:DA:O4'	6	2.02
(1,10)	1:A:20:THR:H	2:X:7:DA:O5'	6	2.02
(1,10)	1:A:20:THR:H	2:X:7:DA:OP1	6	2.02
(1,10)	1:A:20:THR:H	2:X:7:DA:OP2	6	2.02
(1,10)	1:A:20:THR:H	2:X:7:DA:P	6	2.02
(1,10)	1:A:20:THR:H	2:X:8:DT:C1'	6	2.02
(1,10)	1:A:20:THR:H	2:X:8:DT:C2	6	2.02
(1,10)	1:A:20:THR:H	2:X:8:DT:C2'	6	2.02
(1,10)	1:A:20:THR:H	2:X:8:DT:C3'	6	2.02
(1,10)	1:A:20:THR:H	2:X:8:DT:C4	6	2.02
(1,10)	1:A:20:THR:H	2:X:8:DT:C4'	6	2.02
(1,10)	1:A:20:THR:H	2:X:8:DT:C5	6	2.02
(1,10)	1:A:20:THR:H	2:X:8:DT:C5'	6	2.02
(1,10)	1:A:20:THR:H	2:X:8:DT:C6	6	2.02
(1,10)	1:A:20:THR:H	2:X:8:DT:C7	6	2.02
(1,10)	1:A:20:THR:H	2:X:8:DT:H1'	6	2.02
(1,10)	1:A:20:THR:H	2:X:8:DT:H2'	6	2.02
(1,10)	1:A:20:THR:H	2:X:8:DT:H2''	6	2.02
(1,10)	1:A:20:THR:H	2:X:8:DT:H3	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:H	2:X:8:DT:H3'	6	2.02
(1,10)	1:A:20:THR:H	2:X:8:DT:H4'	6	2.02
(1,10)	1:A:20:THR:H	2:X:8:DT:H5'	6	2.02
(1,10)	1:A:20:THR:H	2:X:8:DT:H5''	6	2.02
(1,10)	1:A:20:THR:H	2:X:8:DT:H6	6	2.02
(1,10)	1:A:20:THR:H	2:X:8:DT:H71	6	2.02
(1,10)	1:A:20:THR:H	2:X:8:DT:H72	6	2.02
(1,10)	1:A:20:THR:H	2:X:8:DT:H73	6	2.02
(1,10)	1:A:20:THR:H	2:X:8:DT:N1	6	2.02
(1,10)	1:A:20:THR:H	2:X:8:DT:N3	6	2.02
(1,10)	1:A:20:THR:H	2:X:8:DT:O2	6	2.02
(1,10)	1:A:20:THR:H	2:X:8:DT:O3'	6	2.02
(1,10)	1:A:20:THR:H	2:X:8:DT:O4	6	2.02
(1,10)	1:A:20:THR:H	2:X:8:DT:O4'	6	2.02
(1,10)	1:A:20:THR:H	2:X:8:DT:O5'	6	2.02
(1,10)	1:A:20:THR:H	2:X:8:DT:OP1	6	2.02
(1,10)	1:A:20:THR:H	2:X:8:DT:OP2	6	2.02
(1,10)	1:A:20:THR:H	2:X:8:DT:P	6	2.02
(1,10)	1:A:20:THR:H	2:X:9:DA:C1'	6	2.02
(1,10)	1:A:20:THR:H	2:X:9:DA:C2	6	2.02
(1,10)	1:A:20:THR:H	2:X:9:DA:C2'	6	2.02
(1,10)	1:A:20:THR:H	2:X:9:DA:C3'	6	2.02
(1,10)	1:A:20:THR:H	2:X:9:DA:C4	6	2.02
(1,10)	1:A:20:THR:H	2:X:9:DA:C4'	6	2.02
(1,10)	1:A:20:THR:H	2:X:9:DA:C5	6	2.02
(1,10)	1:A:20:THR:H	2:X:9:DA:C5'	6	2.02
(1,10)	1:A:20:THR:H	2:X:9:DA:C6	6	2.02
(1,10)	1:A:20:THR:H	2:X:9:DA:C8	6	2.02
(1,10)	1:A:20:THR:H	2:X:9:DA:H1'	6	2.02
(1,10)	1:A:20:THR:H	2:X:9:DA:H2	6	2.02
(1,10)	1:A:20:THR:H	2:X:9:DA:H2'	6	2.02
(1,10)	1:A:20:THR:H	2:X:9:DA:H2''	6	2.02
(1,10)	1:A:20:THR:H	2:X:9:DA:H3'	6	2.02
(1,10)	1:A:20:THR:H	2:X:9:DA:H4'	6	2.02
(1,10)	1:A:20:THR:H	2:X:9:DA:H5'	6	2.02
(1,10)	1:A:20:THR:H	2:X:9:DA:H5''	6	2.02
(1,10)	1:A:20:THR:H	2:X:9:DA:H61	6	2.02
(1,10)	1:A:20:THR:H	2:X:9:DA:H62	6	2.02
(1,10)	1:A:20:THR:H	2:X:9:DA:H8	6	2.02
(1,10)	1:A:20:THR:H	2:X:9:DA:N1	6	2.02
(1,10)	1:A:20:THR:H	2:X:9:DA:N3	6	2.02
(1,10)	1:A:20:THR:H	2:X:9:DA:N6	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:H	2:X:9:DA:N7	6	2.02
(1,10)	1:A:20:THR:H	2:X:9:DA:N9	6	2.02
(1,10)	1:A:20:THR:H	2:X:9:DA:O3'	6	2.02
(1,10)	1:A:20:THR:H	2:X:9:DA:O4'	6	2.02
(1,10)	1:A:20:THR:H	2:X:9:DA:O5'	6	2.02
(1,10)	1:A:20:THR:H	2:X:9:DA:OP1	6	2.02
(1,10)	1:A:20:THR:H	2:X:9:DA:OP2	6	2.02
(1,10)	1:A:20:THR:H	2:X:9:DA:P	6	2.02
(1,10)	1:A:20:THR:H	2:X:10:DT:C1'	6	2.02
(1,10)	1:A:20:THR:H	2:X:10:DT:C2	6	2.02
(1,10)	1:A:20:THR:H	2:X:10:DT:C2'	6	2.02
(1,10)	1:A:20:THR:H	2:X:10:DT:C3'	6	2.02
(1,10)	1:A:20:THR:H	2:X:10:DT:C4	6	2.02
(1,10)	1:A:20:THR:H	2:X:10:DT:C4'	6	2.02
(1,10)	1:A:20:THR:H	2:X:10:DT:C5	6	2.02
(1,10)	1:A:20:THR:H	2:X:10:DT:C5'	6	2.02
(1,10)	1:A:20:THR:H	2:X:10:DT:C6	6	2.02
(1,10)	1:A:20:THR:H	2:X:10:DT:C7	6	2.02
(1,10)	1:A:20:THR:H	2:X:10:DT:H1'	6	2.02
(1,10)	1:A:20:THR:H	2:X:10:DT:H2'	6	2.02
(1,10)	1:A:20:THR:H	2:X:10:DT:H2''	6	2.02
(1,10)	1:A:20:THR:H	2:X:10:DT:H3	6	2.02
(1,10)	1:A:20:THR:H	2:X:10:DT:H3'	6	2.02
(1,10)	1:A:20:THR:H	2:X:10:DT:H4'	6	2.02
(1,10)	1:A:20:THR:H	2:X:10:DT:H5'	6	2.02
(1,10)	1:A:20:THR:H	2:X:10:DT:H5''	6	2.02
(1,10)	1:A:20:THR:H	2:X:10:DT:H6	6	2.02
(1,10)	1:A:20:THR:H	2:X:10:DT:H71	6	2.02
(1,10)	1:A:20:THR:H	2:X:10:DT:H72	6	2.02
(1,10)	1:A:20:THR:H	2:X:10:DT:H73	6	2.02
(1,10)	1:A:20:THR:H	2:X:10:DT:N1	6	2.02
(1,10)	1:A:20:THR:H	2:X:10:DT:N3	6	2.02
(1,10)	1:A:20:THR:H	2:X:10:DT:O2	6	2.02
(1,10)	1:A:20:THR:H	2:X:10:DT:O3'	6	2.02
(1,10)	1:A:20:THR:H	2:X:10:DT:O4	6	2.02
(1,10)	1:A:20:THR:H	2:X:10:DT:O4'	6	2.02
(1,10)	1:A:20:THR:H	2:X:10:DT:O5'	6	2.02
(1,10)	1:A:20:THR:H	2:X:10:DT:OP1	6	2.02
(1,10)	1:A:20:THR:H	2:X:10:DT:OP2	6	2.02
(1,10)	1:A:20:THR:H	2:X:10:DT:P	6	2.02
(1,10)	1:A:20:THR:H	2:X:11:DA:C1'	6	2.02
(1,10)	1:A:20:THR:H	2:X:11:DA:C2	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:H	2:X:11:DA:C2'	6	2.02
(1,10)	1:A:20:THR:H	2:X:11:DA:C3'	6	2.02
(1,10)	1:A:20:THR:H	2:X:11:DA:C4	6	2.02
(1,10)	1:A:20:THR:H	2:X:11:DA:C4'	6	2.02
(1,10)	1:A:20:THR:H	2:X:11:DA:C5	6	2.02
(1,10)	1:A:20:THR:H	2:X:11:DA:C5'	6	2.02
(1,10)	1:A:20:THR:H	2:X:11:DA:C6	6	2.02
(1,10)	1:A:20:THR:H	2:X:11:DA:C8	6	2.02
(1,10)	1:A:20:THR:H	2:X:11:DA:H1'	6	2.02
(1,10)	1:A:20:THR:H	2:X:11:DA:H2	6	2.02
(1,10)	1:A:20:THR:H	2:X:11:DA:H2'	6	2.02
(1,10)	1:A:20:THR:H	2:X:11:DA:H2''	6	2.02
(1,10)	1:A:20:THR:H	2:X:11:DA:H3'	6	2.02
(1,10)	1:A:20:THR:H	2:X:11:DA:H4'	6	2.02
(1,10)	1:A:20:THR:H	2:X:11:DA:H5'	6	2.02
(1,10)	1:A:20:THR:H	2:X:11:DA:H5''	6	2.02
(1,10)	1:A:20:THR:H	2:X:11:DA:H61	6	2.02
(1,10)	1:A:20:THR:H	2:X:11:DA:H62	6	2.02
(1,10)	1:A:20:THR:H	2:X:11:DA:H8	6	2.02
(1,10)	1:A:20:THR:H	2:X:11:DA:N1	6	2.02
(1,10)	1:A:20:THR:H	2:X:11:DA:N3	6	2.02
(1,10)	1:A:20:THR:H	2:X:11:DA:N6	6	2.02
(1,10)	1:A:20:THR:H	2:X:11:DA:N7	6	2.02
(1,10)	1:A:20:THR:H	2:X:11:DA:N9	6	2.02
(1,10)	1:A:20:THR:H	2:X:11:DA:O3'	6	2.02
(1,10)	1:A:20:THR:H	2:X:11:DA:O4'	6	2.02
(1,10)	1:A:20:THR:H	2:X:11:DA:O5'	6	2.02
(1,10)	1:A:20:THR:H	2:X:11:DA:OP1	6	2.02
(1,10)	1:A:20:THR:H	2:X:11:DA:OP2	6	2.02
(1,10)	1:A:20:THR:H	2:X:11:DA:P	6	2.02
(1,10)	1:A:20:THR:H	2:X:12:DG:C1'	6	2.02
(1,10)	1:A:20:THR:H	2:X:12:DG:C2	6	2.02
(1,10)	1:A:20:THR:H	2:X:12:DG:C2'	6	2.02
(1,10)	1:A:20:THR:H	2:X:12:DG:C3'	6	2.02
(1,10)	1:A:20:THR:H	2:X:12:DG:C4	6	2.02
(1,10)	1:A:20:THR:H	2:X:12:DG:C4'	6	2.02
(1,10)	1:A:20:THR:H	2:X:12:DG:C5	6	2.02
(1,10)	1:A:20:THR:H	2:X:12:DG:C5'	6	2.02
(1,10)	1:A:20:THR:H	2:X:12:DG:C6	6	2.02
(1,10)	1:A:20:THR:H	2:X:12:DG:C8	6	2.02
(1,10)	1:A:20:THR:H	2:X:12:DG:H1	6	2.02
(1,10)	1:A:20:THR:H	2:X:12:DG:H1'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:H	2:X:12:DG:H2'	6	2.02
(1,10)	1:A:20:THR:H	2:X:12:DG:H2''	6	2.02
(1,10)	1:A:20:THR:H	2:X:12:DG:H21	6	2.02
(1,10)	1:A:20:THR:H	2:X:12:DG:H22	6	2.02
(1,10)	1:A:20:THR:H	2:X:12:DG:H3'	6	2.02
(1,10)	1:A:20:THR:H	2:X:12:DG:H4'	6	2.02
(1,10)	1:A:20:THR:H	2:X:12:DG:H5'	6	2.02
(1,10)	1:A:20:THR:H	2:X:12:DG:H5''	6	2.02
(1,10)	1:A:20:THR:H	2:X:12:DG:H8	6	2.02
(1,10)	1:A:20:THR:H	2:X:12:DG:N1	6	2.02
(1,10)	1:A:20:THR:H	2:X:12:DG:N2	6	2.02
(1,10)	1:A:20:THR:H	2:X:12:DG:N3	6	2.02
(1,10)	1:A:20:THR:H	2:X:12:DG:N7	6	2.02
(1,10)	1:A:20:THR:H	2:X:12:DG:N9	6	2.02
(1,10)	1:A:20:THR:H	2:X:12:DG:O3'	6	2.02
(1,10)	1:A:20:THR:H	2:X:12:DG:O4'	6	2.02
(1,10)	1:A:20:THR:H	2:X:12:DG:O5'	6	2.02
(1,10)	1:A:20:THR:H	2:X:12:DG:O6	6	2.02
(1,10)	1:A:20:THR:H	2:X:12:DG:OP1	6	2.02
(1,10)	1:A:20:THR:H	2:X:12:DG:OP2	6	2.02
(1,10)	1:A:20:THR:H	2:X:12:DG:P	6	2.02
(1,10)	1:A:20:THR:H	2:X:13:DT:C1'	6	2.02
(1,10)	1:A:20:THR:H	2:X:13:DT:C2	6	2.02
(1,10)	1:A:20:THR:H	2:X:13:DT:C2'	6	2.02
(1,10)	1:A:20:THR:H	2:X:13:DT:C3'	6	2.02
(1,10)	1:A:20:THR:H	2:X:13:DT:C4	6	2.02
(1,10)	1:A:20:THR:H	2:X:13:DT:C4'	6	2.02
(1,10)	1:A:20:THR:H	2:X:13:DT:C5	6	2.02
(1,10)	1:A:20:THR:H	2:X:13:DT:C5'	6	2.02
(1,10)	1:A:20:THR:H	2:X:13:DT:C6	6	2.02
(1,10)	1:A:20:THR:H	2:X:13:DT:C7	6	2.02
(1,10)	1:A:20:THR:H	2:X:13:DT:H1'	6	2.02
(1,10)	1:A:20:THR:H	2:X:13:DT:H2'	6	2.02
(1,10)	1:A:20:THR:H	2:X:13:DT:H2''	6	2.02
(1,10)	1:A:20:THR:H	2:X:13:DT:H3	6	2.02
(1,10)	1:A:20:THR:H	2:X:13:DT:H3'	6	2.02
(1,10)	1:A:20:THR:H	2:X:13:DT:H4'	6	2.02
(1,10)	1:A:20:THR:H	2:X:13:DT:H5'	6	2.02
(1,10)	1:A:20:THR:H	2:X:13:DT:H5''	6	2.02
(1,10)	1:A:20:THR:H	2:X:13:DT:H6	6	2.02
(1,10)	1:A:20:THR:H	2:X:13:DT:H71	6	2.02
(1,10)	1:A:20:THR:H	2:X:13:DT:H72	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:H	2:X:13:DT:H73	6	2.02
(1,10)	1:A:20:THR:H	2:X:13:DT:N1	6	2.02
(1,10)	1:A:20:THR:H	2:X:13:DT:N3	6	2.02
(1,10)	1:A:20:THR:H	2:X:13:DT:O2	6	2.02
(1,10)	1:A:20:THR:H	2:X:13:DT:O3'	6	2.02
(1,10)	1:A:20:THR:H	2:X:13:DT:O4	6	2.02
(1,10)	1:A:20:THR:H	2:X:13:DT:O4'	6	2.02
(1,10)	1:A:20:THR:H	2:X:13:DT:O5'	6	2.02
(1,10)	1:A:20:THR:H	2:X:13:DT:OP1	6	2.02
(1,10)	1:A:20:THR:H	2:X:13:DT:OP2	6	2.02
(1,10)	1:A:20:THR:H	2:X:13:DT:P	6	2.02
(1,10)	1:A:20:THR:H	3:Y:3:DA:C1'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:3:DA:C2	6	2.02
(1,10)	1:A:20:THR:H	3:Y:3:DA:C2'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:3:DA:C3'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:3:DA:C4	6	2.02
(1,10)	1:A:20:THR:H	3:Y:3:DA:C4'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:3:DA:C5	6	2.02
(1,10)	1:A:20:THR:H	3:Y:3:DA:C5'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:3:DA:C6	6	2.02
(1,10)	1:A:20:THR:H	3:Y:3:DA:C8	6	2.02
(1,10)	1:A:20:THR:H	3:Y:3:DA:H1'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:3:DA:H2	6	2.02
(1,10)	1:A:20:THR:H	3:Y:3:DA:H2'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:3:DA:H2''	6	2.02
(1,10)	1:A:20:THR:H	3:Y:3:DA:H3'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:3:DA:H4'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:3:DA:H5'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:3:DA:H5''	6	2.02
(1,10)	1:A:20:THR:H	3:Y:3:DA:H61	6	2.02
(1,10)	1:A:20:THR:H	3:Y:3:DA:H62	6	2.02
(1,10)	1:A:20:THR:H	3:Y:3:DA:H8	6	2.02
(1,10)	1:A:20:THR:H	3:Y:3:DA:N1	6	2.02
(1,10)	1:A:20:THR:H	3:Y:3:DA:N3	6	2.02
(1,10)	1:A:20:THR:H	3:Y:3:DA:N6	6	2.02
(1,10)	1:A:20:THR:H	3:Y:3:DA:N7	6	2.02
(1,10)	1:A:20:THR:H	3:Y:3:DA:N9	6	2.02
(1,10)	1:A:20:THR:H	3:Y:3:DA:O3'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:3:DA:O4'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:3:DA:O5'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:3:DA:OP1	6	2.02
(1,10)	1:A:20:THR:H	3:Y:3:DA:OP2	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:H	3:Y:3:DA:P	6	2.02
(1,10)	1:A:20:THR:H	3:Y:4:DC:C1'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:4:DC:C2	6	2.02
(1,10)	1:A:20:THR:H	3:Y:4:DC:C2'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:4:DC:C3'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:4:DC:C4	6	2.02
(1,10)	1:A:20:THR:H	3:Y:4:DC:C4'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:4:DC:C5	6	2.02
(1,10)	1:A:20:THR:H	3:Y:4:DC:C5'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:4:DC:C6	6	2.02
(1,10)	1:A:20:THR:H	3:Y:4:DC:H1'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:4:DC:H2'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:4:DC:H2''	6	2.02
(1,10)	1:A:20:THR:H	3:Y:4:DC:H3'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:4:DC:H4'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:4:DC:H41	6	2.02
(1,10)	1:A:20:THR:H	3:Y:4:DC:H42	6	2.02
(1,10)	1:A:20:THR:H	3:Y:4:DC:H5	6	2.02
(1,10)	1:A:20:THR:H	3:Y:4:DC:H5'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:4:DC:H5''	6	2.02
(1,10)	1:A:20:THR:H	3:Y:4:DC:H6	6	2.02
(1,10)	1:A:20:THR:H	3:Y:4:DC:N1	6	2.02
(1,10)	1:A:20:THR:H	3:Y:4:DC:N3	6	2.02
(1,10)	1:A:20:THR:H	3:Y:4:DC:N4	6	2.02
(1,10)	1:A:20:THR:H	3:Y:4:DC:O2	6	2.02
(1,10)	1:A:20:THR:H	3:Y:4:DC:O3'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:4:DC:O4'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:4:DC:O5'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:4:DC:OP1	6	2.02
(1,10)	1:A:20:THR:H	3:Y:4:DC:OP2	6	2.02
(1,10)	1:A:20:THR:H	3:Y:4:DC:P	6	2.02
(1,10)	1:A:20:THR:H	3:Y:5:DT:C1'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:5:DT:C2	6	2.02
(1,10)	1:A:20:THR:H	3:Y:5:DT:C2'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:5:DT:C3'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:5:DT:C4	6	2.02
(1,10)	1:A:20:THR:H	3:Y:5:DT:C4'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:5:DT:C5	6	2.02
(1,10)	1:A:20:THR:H	3:Y:5:DT:C5'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:5:DT:C6	6	2.02
(1,10)	1:A:20:THR:H	3:Y:5:DT:C7	6	2.02
(1,10)	1:A:20:THR:H	3:Y:5:DT:H1'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:H	3:Y:5:DT:H2'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:5:DT:H2''	6	2.02
(1,10)	1:A:20:THR:H	3:Y:5:DT:H3	6	2.02
(1,10)	1:A:20:THR:H	3:Y:5:DT:H3'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:5:DT:H4'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:5:DT:H5'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:5:DT:H5''	6	2.02
(1,10)	1:A:20:THR:H	3:Y:5:DT:H6	6	2.02
(1,10)	1:A:20:THR:H	3:Y:5:DT:H71	6	2.02
(1,10)	1:A:20:THR:H	3:Y:5:DT:H72	6	2.02
(1,10)	1:A:20:THR:H	3:Y:5:DT:H73	6	2.02
(1,10)	1:A:20:THR:H	3:Y:5:DT:N1	6	2.02
(1,10)	1:A:20:THR:H	3:Y:5:DT:N3	6	2.02
(1,10)	1:A:20:THR:H	3:Y:5:DT:O2	6	2.02
(1,10)	1:A:20:THR:H	3:Y:5:DT:O3'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:5:DT:O4	6	2.02
(1,10)	1:A:20:THR:H	3:Y:5:DT:O4'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:5:DT:O5'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:5:DT:OP1	6	2.02
(1,10)	1:A:20:THR:H	3:Y:5:DT:OP2	6	2.02
(1,10)	1:A:20:THR:H	3:Y:5:DT:P	6	2.02
(1,10)	1:A:20:THR:H	3:Y:6:DA:C1'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:6:DA:C2	6	2.02
(1,10)	1:A:20:THR:H	3:Y:6:DA:C2'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:6:DA:C3'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:6:DA:C4	6	2.02
(1,10)	1:A:20:THR:H	3:Y:6:DA:C4'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:6:DA:C5	6	2.02
(1,10)	1:A:20:THR:H	3:Y:6:DA:C5'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:6:DA:C6	6	2.02
(1,10)	1:A:20:THR:H	3:Y:6:DA:C8	6	2.02
(1,10)	1:A:20:THR:H	3:Y:6:DA:H1'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:6:DA:H2	6	2.02
(1,10)	1:A:20:THR:H	3:Y:6:DA:H2'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:6:DA:H2''	6	2.02
(1,10)	1:A:20:THR:H	3:Y:6:DA:H3'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:6:DA:H4'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:6:DA:H5'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:6:DA:H5''	6	2.02
(1,10)	1:A:20:THR:H	3:Y:6:DA:H61	6	2.02
(1,10)	1:A:20:THR:H	3:Y:6:DA:H62	6	2.02
(1,10)	1:A:20:THR:H	3:Y:6:DA:H8	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:H	3:Y:6:DA:N1	6	2.02
(1,10)	1:A:20:THR:H	3:Y:6:DA:N3	6	2.02
(1,10)	1:A:20:THR:H	3:Y:6:DA:N6	6	2.02
(1,10)	1:A:20:THR:H	3:Y:6:DA:N7	6	2.02
(1,10)	1:A:20:THR:H	3:Y:6:DA:N9	6	2.02
(1,10)	1:A:20:THR:H	3:Y:6:DA:O3'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:6:DA:O4'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:6:DA:O5'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:6:DA:OP1	6	2.02
(1,10)	1:A:20:THR:H	3:Y:6:DA:OP2	6	2.02
(1,10)	1:A:20:THR:H	3:Y:6:DA:P	6	2.02
(1,10)	1:A:20:THR:H	3:Y:7:DT:C1'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:7:DT:C2	6	2.02
(1,10)	1:A:20:THR:H	3:Y:7:DT:C2'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:7:DT:C3'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:7:DT:C4	6	2.02
(1,10)	1:A:20:THR:H	3:Y:7:DT:C4'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:7:DT:C5	6	2.02
(1,10)	1:A:20:THR:H	3:Y:7:DT:C5'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:7:DT:C6	6	2.02
(1,10)	1:A:20:THR:H	3:Y:7:DT:C7	6	2.02
(1,10)	1:A:20:THR:H	3:Y:7:DT:H1'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:7:DT:H2'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:7:DT:H2''	6	2.02
(1,10)	1:A:20:THR:H	3:Y:7:DT:H3	6	2.02
(1,10)	1:A:20:THR:H	3:Y:7:DT:H3'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:7:DT:H4'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:7:DT:H5'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:7:DT:H5''	6	2.02
(1,10)	1:A:20:THR:H	3:Y:7:DT:H6	6	2.02
(1,10)	1:A:20:THR:H	3:Y:7:DT:H71	6	2.02
(1,10)	1:A:20:THR:H	3:Y:7:DT:H72	6	2.02
(1,10)	1:A:20:THR:H	3:Y:7:DT:H73	6	2.02
(1,10)	1:A:20:THR:H	3:Y:7:DT:N1	6	2.02
(1,10)	1:A:20:THR:H	3:Y:7:DT:N3	6	2.02
(1,10)	1:A:20:THR:H	3:Y:7:DT:O2	6	2.02
(1,10)	1:A:20:THR:H	3:Y:7:DT:O3'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:7:DT:O4	6	2.02
(1,10)	1:A:20:THR:H	3:Y:7:DT:O4'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:7:DT:O5'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:7:DT:OP1	6	2.02
(1,10)	1:A:20:THR:H	3:Y:7:DT:OP2	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:H	3:Y:7:DT:P	6	2.02
(1,10)	1:A:20:THR:H	3:Y:8:DA:C1'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:8:DA:C2	6	2.02
(1,10)	1:A:20:THR:H	3:Y:8:DA:C2'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:8:DA:C3'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:8:DA:C4	6	2.02
(1,10)	1:A:20:THR:H	3:Y:8:DA:C4'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:8:DA:C5	6	2.02
(1,10)	1:A:20:THR:H	3:Y:8:DA:C5'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:8:DA:C6	6	2.02
(1,10)	1:A:20:THR:H	3:Y:8:DA:C8	6	2.02
(1,10)	1:A:20:THR:H	3:Y:8:DA:H1'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:8:DA:H2	6	2.02
(1,10)	1:A:20:THR:H	3:Y:8:DA:H2'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:8:DA:H2''	6	2.02
(1,10)	1:A:20:THR:H	3:Y:8:DA:H3'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:8:DA:H4'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:8:DA:H5'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:8:DA:H5''	6	2.02
(1,10)	1:A:20:THR:H	3:Y:8:DA:H61	6	2.02
(1,10)	1:A:20:THR:H	3:Y:8:DA:H62	6	2.02
(1,10)	1:A:20:THR:H	3:Y:8:DA:H8	6	2.02
(1,10)	1:A:20:THR:H	3:Y:8:DA:N1	6	2.02
(1,10)	1:A:20:THR:H	3:Y:8:DA:N3	6	2.02
(1,10)	1:A:20:THR:H	3:Y:8:DA:N6	6	2.02
(1,10)	1:A:20:THR:H	3:Y:8:DA:N7	6	2.02
(1,10)	1:A:20:THR:H	3:Y:8:DA:N9	6	2.02
(1,10)	1:A:20:THR:H	3:Y:8:DA:O3'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:8:DA:O4'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:8:DA:O5'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:8:DA:OP1	6	2.02
(1,10)	1:A:20:THR:H	3:Y:8:DA:OP2	6	2.02
(1,10)	1:A:20:THR:H	3:Y:8:DA:P	6	2.02
(1,10)	1:A:20:THR:H	3:Y:9:DT:C1'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:9:DT:C2	6	2.02
(1,10)	1:A:20:THR:H	3:Y:9:DT:C2'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:9:DT:C3'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:9:DT:C4	6	2.02
(1,10)	1:A:20:THR:H	3:Y:9:DT:C4'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:9:DT:C5	6	2.02
(1,10)	1:A:20:THR:H	3:Y:9:DT:C5'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:9:DT:C6	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:H	3:Y:9:DT:C7	6	2.02
(1,10)	1:A:20:THR:H	3:Y:9:DT:H1'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:9:DT:H2'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:9:DT:H2''	6	2.02
(1,10)	1:A:20:THR:H	3:Y:9:DT:H3	6	2.02
(1,10)	1:A:20:THR:H	3:Y:9:DT:H3'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:9:DT:H4'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:9:DT:H5'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:9:DT:H5''	6	2.02
(1,10)	1:A:20:THR:H	3:Y:9:DT:H6	6	2.02
(1,10)	1:A:20:THR:H	3:Y:9:DT:H71	6	2.02
(1,10)	1:A:20:THR:H	3:Y:9:DT:H72	6	2.02
(1,10)	1:A:20:THR:H	3:Y:9:DT:H73	6	2.02
(1,10)	1:A:20:THR:H	3:Y:9:DT:N1	6	2.02
(1,10)	1:A:20:THR:H	3:Y:9:DT:N3	6	2.02
(1,10)	1:A:20:THR:H	3:Y:9:DT:O2	6	2.02
(1,10)	1:A:20:THR:H	3:Y:9:DT:O3'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:9:DT:O4	6	2.02
(1,10)	1:A:20:THR:H	3:Y:9:DT:O4'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:9:DT:O5'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:9:DT:OP1	6	2.02
(1,10)	1:A:20:THR:H	3:Y:9:DT:OP2	6	2.02
(1,10)	1:A:20:THR:H	3:Y:9:DT:P	6	2.02
(1,10)	1:A:20:THR:H	3:Y:10:DA:C1'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:10:DA:C2	6	2.02
(1,10)	1:A:20:THR:H	3:Y:10:DA:C2'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:10:DA:C3'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:10:DA:C4	6	2.02
(1,10)	1:A:20:THR:H	3:Y:10:DA:C4'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:10:DA:C5	6	2.02
(1,10)	1:A:20:THR:H	3:Y:10:DA:C5'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:10:DA:C6	6	2.02
(1,10)	1:A:20:THR:H	3:Y:10:DA:C8	6	2.02
(1,10)	1:A:20:THR:H	3:Y:10:DA:H1'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:10:DA:H2	6	2.02
(1,10)	1:A:20:THR:H	3:Y:10:DA:H2'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:10:DA:H2''	6	2.02
(1,10)	1:A:20:THR:H	3:Y:10:DA:H3'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:10:DA:H4'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:10:DA:H5'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:10:DA:H5''	6	2.02
(1,10)	1:A:20:THR:H	3:Y:10:DA:H61	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:H	3:Y:10:DA:H62	6	2.02
(1,10)	1:A:20:THR:H	3:Y:10:DA:H8	6	2.02
(1,10)	1:A:20:THR:H	3:Y:10:DA:N1	6	2.02
(1,10)	1:A:20:THR:H	3:Y:10:DA:N3	6	2.02
(1,10)	1:A:20:THR:H	3:Y:10:DA:N6	6	2.02
(1,10)	1:A:20:THR:H	3:Y:10:DA:N7	6	2.02
(1,10)	1:A:20:THR:H	3:Y:10:DA:N9	6	2.02
(1,10)	1:A:20:THR:H	3:Y:10:DA:O3'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:10:DA:O4'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:10:DA:O5'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:10:DA:OP1	6	2.02
(1,10)	1:A:20:THR:H	3:Y:10:DA:OP2	6	2.02
(1,10)	1:A:20:THR:H	3:Y:10:DA:P	6	2.02
(1,10)	1:A:20:THR:H	3:Y:11:DT:C1'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:11:DT:C2	6	2.02
(1,10)	1:A:20:THR:H	3:Y:11:DT:C2'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:11:DT:C3'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:11:DT:C4	6	2.02
(1,10)	1:A:20:THR:H	3:Y:11:DT:C4'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:11:DT:C5	6	2.02
(1,10)	1:A:20:THR:H	3:Y:11:DT:C5'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:11:DT:C6	6	2.02
(1,10)	1:A:20:THR:H	3:Y:11:DT:C7	6	2.02
(1,10)	1:A:20:THR:H	3:Y:11:DT:H1'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:11:DT:H2'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:11:DT:H2''	6	2.02
(1,10)	1:A:20:THR:H	3:Y:11:DT:H3	6	2.02
(1,10)	1:A:20:THR:H	3:Y:11:DT:H3'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:11:DT:H4'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:11:DT:H5'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:11:DT:H5''	6	2.02
(1,10)	1:A:20:THR:H	3:Y:11:DT:H6	6	2.02
(1,10)	1:A:20:THR:H	3:Y:11:DT:H71	6	2.02
(1,10)	1:A:20:THR:H	3:Y:11:DT:H72	6	2.02
(1,10)	1:A:20:THR:H	3:Y:11:DT:H73	6	2.02
(1,10)	1:A:20:THR:H	3:Y:11:DT:N1	6	2.02
(1,10)	1:A:20:THR:H	3:Y:11:DT:N3	6	2.02
(1,10)	1:A:20:THR:H	3:Y:11:DT:O2	6	2.02
(1,10)	1:A:20:THR:H	3:Y:11:DT:O3'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:11:DT:O4	6	2.02
(1,10)	1:A:20:THR:H	3:Y:11:DT:O4'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:11:DT:O5'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:H	3:Y:11:DT:OP1	6	2.02
(1,10)	1:A:20:THR:H	3:Y:11:DT:OP2	6	2.02
(1,10)	1:A:20:THR:H	3:Y:11:DT:P	6	2.02
(1,10)	1:A:20:THR:H	3:Y:12:DC:C1'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:12:DC:C2	6	2.02
(1,10)	1:A:20:THR:H	3:Y:12:DC:C2'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:12:DC:C3'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:12:DC:C4	6	2.02
(1,10)	1:A:20:THR:H	3:Y:12:DC:C4'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:12:DC:C5	6	2.02
(1,10)	1:A:20:THR:H	3:Y:12:DC:C5'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:12:DC:C6	6	2.02
(1,10)	1:A:20:THR:H	3:Y:12:DC:H1'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:12:DC:H2'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:12:DC:H2''	6	2.02
(1,10)	1:A:20:THR:H	3:Y:12:DC:H3'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:12:DC:H4'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:12:DC:H41	6	2.02
(1,10)	1:A:20:THR:H	3:Y:12:DC:H42	6	2.02
(1,10)	1:A:20:THR:H	3:Y:12:DC:H5	6	2.02
(1,10)	1:A:20:THR:H	3:Y:12:DC:H5'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:12:DC:H5''	6	2.02
(1,10)	1:A:20:THR:H	3:Y:12:DC:H6	6	2.02
(1,10)	1:A:20:THR:H	3:Y:12:DC:N1	6	2.02
(1,10)	1:A:20:THR:H	3:Y:12:DC:N3	6	2.02
(1,10)	1:A:20:THR:H	3:Y:12:DC:N4	6	2.02
(1,10)	1:A:20:THR:H	3:Y:12:DC:O2	6	2.02
(1,10)	1:A:20:THR:H	3:Y:12:DC:O3'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:12:DC:O4'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:12:DC:O5'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:12:DC:OP1	6	2.02
(1,10)	1:A:20:THR:H	3:Y:12:DC:OP2	6	2.02
(1,10)	1:A:20:THR:H	3:Y:12:DC:P	6	2.02
(1,10)	1:A:20:THR:H	3:Y:13:DA:C1'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:13:DA:C2	6	2.02
(1,10)	1:A:20:THR:H	3:Y:13:DA:C2'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:13:DA:C3'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:13:DA:C4	6	2.02
(1,10)	1:A:20:THR:H	3:Y:13:DA:C4'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:13:DA:C5	6	2.02
(1,10)	1:A:20:THR:H	3:Y:13:DA:C5'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:13:DA:C6	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:H	3:Y:13:DA:C8	6	2.02
(1,10)	1:A:20:THR:H	3:Y:13:DA:H1'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:13:DA:H2	6	2.02
(1,10)	1:A:20:THR:H	3:Y:13:DA:H2'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:13:DA:H2''	6	2.02
(1,10)	1:A:20:THR:H	3:Y:13:DA:H3'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:13:DA:H4'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:13:DA:H5'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:13:DA:H5''	6	2.02
(1,10)	1:A:20:THR:H	3:Y:13:DA:H61	6	2.02
(1,10)	1:A:20:THR:H	3:Y:13:DA:H62	6	2.02
(1,10)	1:A:20:THR:H	3:Y:13:DA:H8	6	2.02
(1,10)	1:A:20:THR:H	3:Y:13:DA:N1	6	2.02
(1,10)	1:A:20:THR:H	3:Y:13:DA:N3	6	2.02
(1,10)	1:A:20:THR:H	3:Y:13:DA:N6	6	2.02
(1,10)	1:A:20:THR:H	3:Y:13:DA:N7	6	2.02
(1,10)	1:A:20:THR:H	3:Y:13:DA:N9	6	2.02
(1,10)	1:A:20:THR:H	3:Y:13:DA:O3'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:13:DA:O4'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:13:DA:O5'	6	2.02
(1,10)	1:A:20:THR:H	3:Y:13:DA:OP1	6	2.02
(1,10)	1:A:20:THR:H	3:Y:13:DA:OP2	6	2.02
(1,10)	1:A:20:THR:H	3:Y:13:DA:P	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:3:DT:C1'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:3:DT:C2	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:3:DT:C2'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:3:DT:C3'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:3:DT:C4	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:3:DT:C4'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:3:DT:C5	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:3:DT:C5'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:3:DT:C6	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:3:DT:C7	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:3:DT:H1'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:3:DT:H2'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:3:DT:H2''	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:3:DT:H3	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:3:DT:H3'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:3:DT:H4'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:3:DT:H5'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:3:DT:H5''	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:3:DT:H6	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:HG1	2:X:3:DT:H71	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:3:DT:H72	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:3:DT:H73	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:3:DT:N1	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:3:DT:N3	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:3:DT:O2	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:3:DT:O3'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:3:DT:O4	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:3:DT:O4'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:3:DT:O5'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:3:DT:OP1	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:3:DT:OP2	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:3:DT:P	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:4:DG:C1'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:4:DG:C2	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:4:DG:C2'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:4:DG:C3'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:4:DG:C4	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:4:DG:C4'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:4:DG:C5	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:4:DG:C5'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:4:DG:C6	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:4:DG:C8	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:4:DG:H1	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:4:DG:H1'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:4:DG:H2'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:4:DG:H2''	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:4:DG:H21	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:4:DG:H22	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:4:DG:H3'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:4:DG:H4'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:4:DG:H5'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:4:DG:H5''	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:4:DG:H8	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:4:DG:N1	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:4:DG:N2	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:4:DG:N3	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:4:DG:N7	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:4:DG:N9	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:4:DG:O3'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:4:DG:O4'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:4:DG:O5'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:HG1	2:X:4:DG:O6	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:4:DG:OP1	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:4:DG:OP2	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:4:DG:P	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:5:DA:C1'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:5:DA:C2	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:5:DA:C2'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:5:DA:C3'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:5:DA:C4	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:5:DA:C4'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:5:DA:C5	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:5:DA:C5'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:5:DA:C6	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:5:DA:C8	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:5:DA:H1'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:5:DA:H2	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:5:DA:H2'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:5:DA:H2''	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:5:DA:H3'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:5:DA:H4'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:5:DA:H5'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:5:DA:H5''	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:5:DA:H61	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:5:DA:H62	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:5:DA:H8	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:5:DA:N1	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:5:DA:N3	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:5:DA:N6	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:5:DA:N7	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:5:DA:N9	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:5:DA:O3'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:5:DA:O4'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:5:DA:O5'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:5:DA:OP1	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:5:DA:OP2	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:5:DA:P	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:6:DT:C1'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:6:DT:C2	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:6:DT:C2'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:6:DT:C3'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:6:DT:C4	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:6:DT:C4'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:HG1	2:X:6:DT:C5	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:6:DT:C5'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:6:DT:C6	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:6:DT:C7	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:6:DT:H1'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:6:DT:H2'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:6:DT:H2''	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:6:DT:H3	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:6:DT:H3'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:6:DT:H4'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:6:DT:H5'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:6:DT:H5''	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:6:DT:H6	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:6:DT:H71	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:6:DT:H72	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:6:DT:H73	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:6:DT:N1	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:6:DT:N3	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:6:DT:O2	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:6:DT:O3'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:6:DT:O4	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:6:DT:O4'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:6:DT:O5'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:6:DT:OP1	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:6:DT:OP2	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:6:DT:P	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:7:DA:C1'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:7:DA:C2	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:7:DA:C2'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:7:DA:C3'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:7:DA:C4	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:7:DA:C4'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:7:DA:C5	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:7:DA:C5'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:7:DA:C6	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:7:DA:C8	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:7:DA:H1'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:7:DA:H2	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:7:DA:H2'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:7:DA:H2''	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:7:DA:H3'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:7:DA:H4'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:HG1	2:X:7:DA:H5'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:7:DA:H5''	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:7:DA:H61	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:7:DA:H62	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:7:DA:H8	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:7:DA:N1	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:7:DA:N3	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:7:DA:N6	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:7:DA:N7	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:7:DA:N9	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:7:DA:O3'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:7:DA:O4'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:7:DA:O5'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:7:DA:OP1	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:7:DA:OP2	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:7:DA:P	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:8:DT:C1'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:8:DT:C2	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:8:DT:C2'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:8:DT:C3'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:8:DT:C4	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:8:DT:C4'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:8:DT:C5	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:8:DT:C5'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:8:DT:C6	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:8:DT:C7	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:8:DT:H1'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:8:DT:H2'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:8:DT:H2''	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:8:DT:H3	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:8:DT:H3'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:8:DT:H4'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:8:DT:H5'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:8:DT:H5''	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:8:DT:H6	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:8:DT:H71	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:8:DT:H72	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:8:DT:H73	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:8:DT:N1	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:8:DT:N3	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:8:DT:O2	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:8:DT:O3'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:HG1	2:X:8:DT:O4	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:8:DT:O4'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:8:DT:O5'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:8:DT:OP1	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:8:DT:OP2	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:8:DT:P	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:9:DA:C1'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:9:DA:C2	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:9:DA:C2'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:9:DA:C3'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:9:DA:C4	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:9:DA:C4'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:9:DA:C5	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:9:DA:C5'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:9:DA:C6	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:9:DA:C8	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:9:DA:H1'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:9:DA:H2	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:9:DA:H2'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:9:DA:H2''	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:9:DA:H3'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:9:DA:H4'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:9:DA:H5'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:9:DA:H5''	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:9:DA:H61	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:9:DA:H62	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:9:DA:H8	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:9:DA:N1	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:9:DA:N3	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:9:DA:N6	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:9:DA:N7	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:9:DA:N9	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:9:DA:O3'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:9:DA:O4'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:9:DA:O5'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:9:DA:OP1	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:9:DA:OP2	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:9:DA:P	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:10:DT:C1'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:10:DT:C2	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:10:DT:C2'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:10:DT:C3'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:HG1	2:X:10:DT:C4	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:10:DT:C4'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:10:DT:C5	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:10:DT:C5'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:10:DT:C6	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:10:DT:C7	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:10:DT:H1'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:10:DT:H2'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:10:DT:H2''	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:10:DT:H3	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:10:DT:H3'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:10:DT:H4'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:10:DT:H5'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:10:DT:H5''	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:10:DT:H6	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:10:DT:H71	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:10:DT:H72	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:10:DT:H73	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:10:DT:N1	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:10:DT:N3	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:10:DT:O2	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:10:DT:O3'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:10:DT:O4	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:10:DT:O4'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:10:DT:O5'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:10:DT:OP1	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:10:DT:OP2	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:10:DT:P	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:11:DA:C1'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:11:DA:C2	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:11:DA:C2'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:11:DA:C3'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:11:DA:C4	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:11:DA:C4'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:11:DA:C5	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:11:DA:C5'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:11:DA:C6	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:11:DA:C8	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:11:DA:H1'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:11:DA:H2	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:11:DA:H2'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:11:DA:H2''	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:HG1	2:X:11:DA:H3'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:11:DA:H4'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:11:DA:H5'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:11:DA:H5''	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:11:DA:H61	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:11:DA:H62	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:11:DA:H8	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:11:DA:N1	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:11:DA:N3	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:11:DA:N6	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:11:DA:N7	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:11:DA:N9	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:11:DA:O3'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:11:DA:O4'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:11:DA:O5'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:11:DA:OP1	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:11:DA:OP2	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:11:DA:P	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:12:DG:C1'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:12:DG:C2	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:12:DG:C2'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:12:DG:C3'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:12:DG:C4	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:12:DG:C4'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:12:DG:C5	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:12:DG:C5'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:12:DG:C6	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:12:DG:C8	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:12:DG:H1	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:12:DG:H1'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:12:DG:H2'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:12:DG:H2''	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:12:DG:H21	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:12:DG:H22	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:12:DG:H3'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:12:DG:H4'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:12:DG:H5'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:12:DG:H5''	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:12:DG:H8	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:12:DG:N1	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:12:DG:N2	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:12:DG:N3	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:HG1	2:X:12:DG:N7	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:12:DG:N9	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:12:DG:O3'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:12:DG:O4'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:12:DG:O5'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:12:DG:O6	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:12:DG:OP1	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:12:DG:OP2	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:12:DG:P	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:13:DT:C1'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:13:DT:C2	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:13:DT:C2'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:13:DT:C3'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:13:DT:C4	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:13:DT:C4'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:13:DT:C5	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:13:DT:C5'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:13:DT:C6	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:13:DT:C7	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:13:DT:H1'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:13:DT:H2'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:13:DT:H2''	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:13:DT:H3	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:13:DT:H3'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:13:DT:H4'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:13:DT:H5'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:13:DT:H5''	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:13:DT:H6	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:13:DT:H71	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:13:DT:H72	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:13:DT:H73	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:13:DT:N1	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:13:DT:N3	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:13:DT:O2	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:13:DT:O3'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:13:DT:O4	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:13:DT:O4'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:13:DT:O5'	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:13:DT:OP1	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:13:DT:OP2	6	2.02
(1,10)	1:A:20:THR:HG1	2:X:13:DT:P	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:C1'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:C2	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:C2'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:C3'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:C4	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:C4'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:C5	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:C5'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:C6	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:C8	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:H1'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:H2	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:H2'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:H2''	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:H3'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:H4'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:H5'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:H5''	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:H61	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:H62	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:H8	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:N1	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:N3	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:N6	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:N7	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:N9	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:O3'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:O4'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:O5'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:OP1	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:OP2	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:P	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:C1'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:C2	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:C2'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:C3'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:C4	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:C4'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:C5	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:C5'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:C6	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:H1'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:H2'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:H2''	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:H3'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:H4'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:H41	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:H42	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:H5	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:H5'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:H5''	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:H6	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:N1	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:N3	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:N4	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:O2	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:O3'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:O4'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:O5'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:OP1	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:OP2	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:P	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:C1'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:C2	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:C2'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:C3'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:C4	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:C4'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:C5	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:C5'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:C6	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:C7	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:H1'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:H2'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:H2''	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:H3	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:H3'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:H4'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:H5'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:H5''	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:H6	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:H71	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:H72	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:H73	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:N1	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:N3	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:O2	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:O3'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:O4	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:O4'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:O5'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:OP1	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:OP2	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:P	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:C1'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:C2	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:C2'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:C3'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:C4	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:C4'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:C5	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:C5'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:C6	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:C8	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:H1'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:H2	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:H2'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:H2''	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:H3'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:H4'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:H5'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:H5''	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:H61	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:H62	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:H8	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:N1	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:N3	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:N6	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:N7	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:N9	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:O3'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:O4'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:O5'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:OP1	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:OP2	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:P	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:C1'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:C2	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:C2'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:C3'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:C4	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:C4'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:C5	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:C5'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:C6	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:C7	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:H1'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:H2'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:H2''	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:H3	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:H3'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:H4'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:H5'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:H5''	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:H6	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:H71	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:H72	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:H73	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:N1	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:N3	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:O2	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:O3'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:O4	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:O4'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:O5'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:OP1	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:OP2	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:P	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:C1'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:C2	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:C2'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:C3'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:C4	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:C4'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:C5	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:C5'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:C6	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:C8	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:H1'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:H2	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:H2'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:H2''	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:H3'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:H4'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:H5'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:H5''	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:H61	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:H62	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:H8	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:N1	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:N3	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:N6	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:N7	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:N9	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:O3'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:O4'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:O5'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:OP1	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:OP2	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:P	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:C1'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:C2	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:C2'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:C3'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:C4	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:C4'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:C5	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:C5'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:C6	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:C7	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:H1'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:H2'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:H2''	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:H3	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:H3'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:H4'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:H5'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:H5''	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:H6	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:H71	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:H72	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:H73	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:N1	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:N3	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:O2	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:O3'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:O4	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:O4'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:O5'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:OP1	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:OP2	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:P	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:C1'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:C2	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:C2'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:C3'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:C4	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:C4'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:C5	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:C5'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:C6	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:C8	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:H1'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:H2	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:H2'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:H2''	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:H3'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:H4'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:H5'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:H5''	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:H61	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:H62	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:H8	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:N1	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:N3	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:N6	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:N7	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:N9	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:O3'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:O4'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:O5'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:OP1	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:OP2	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:P	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:C1'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:C2	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:C2'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:C3'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:C4	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:C4'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:C5	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:C5'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:C6	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:C7	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:H1'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:H2'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:H2''	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:H3	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:H3'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:H4'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:H5'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:H5''	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:H6	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:H71	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:H72	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:H73	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:N1	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:N3	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:O2	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:O3'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:O4	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:O4'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:O5'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:OP1	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:OP2	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:P	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:C1'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:C2	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:C2'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:C3'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:C4	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:C4'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:C5	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:C5'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:C6	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:H1'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:H2'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:H2''	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:H3'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:H4'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:H41	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:H42	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:H5	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:H5'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:H5''	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:H6	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:N1	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:N3	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:N4	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:O2	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:O3'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:O4'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:O5'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:OP1	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:OP2	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:P	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:C1'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:C2	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:C2'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:C3'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:C4	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:C4'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:C5	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:C5'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:C6	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:C8	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:H1'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:H2	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:H2'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:H2''	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:H3'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:H4'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:H5'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:H5''	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:H61	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:H62	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:H8	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:N1	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:N3	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:N6	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:N7	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:N9	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:O3'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:O4'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:O5'	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:OP1	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:OP2	6	2.02
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:P	6	2.02
(1,10)	1:A:20:THR:N	2:X:3:DT:C1'	6	2.02
(1,10)	1:A:20:THR:N	2:X:3:DT:C2	6	2.02
(1,10)	1:A:20:THR:N	2:X:3:DT:C2'	6	2.02
(1,10)	1:A:20:THR:N	2:X:3:DT:C3'	6	2.02
(1,10)	1:A:20:THR:N	2:X:3:DT:C4	6	2.02
(1,10)	1:A:20:THR:N	2:X:3:DT:C4'	6	2.02
(1,10)	1:A:20:THR:N	2:X:3:DT:C5	6	2.02
(1,10)	1:A:20:THR:N	2:X:3:DT:C5'	6	2.02
(1,10)	1:A:20:THR:N	2:X:3:DT:C6	6	2.02
(1,10)	1:A:20:THR:N	2:X:3:DT:C7	6	2.02
(1,10)	1:A:20:THR:N	2:X:3:DT:H1'	6	2.02
(1,10)	1:A:20:THR:N	2:X:3:DT:H2'	6	2.02
(1,10)	1:A:20:THR:N	2:X:3:DT:H2''	6	2.02
(1,10)	1:A:20:THR:N	2:X:3:DT:H3	6	2.02
(1,10)	1:A:20:THR:N	2:X:3:DT:H3'	6	2.02
(1,10)	1:A:20:THR:N	2:X:3:DT:H4'	6	2.02
(1,10)	1:A:20:THR:N	2:X:3:DT:H5'	6	2.02
(1,10)	1:A:20:THR:N	2:X:3:DT:H5''	6	2.02
(1,10)	1:A:20:THR:N	2:X:3:DT:H6	6	2.02
(1,10)	1:A:20:THR:N	2:X:3:DT:H71	6	2.02
(1,10)	1:A:20:THR:N	2:X:3:DT:H72	6	2.02
(1,10)	1:A:20:THR:N	2:X:3:DT:H73	6	2.02
(1,10)	1:A:20:THR:N	2:X:3:DT:N1	6	2.02
(1,10)	1:A:20:THR:N	2:X:3:DT:N3	6	2.02
(1,10)	1:A:20:THR:N	2:X:3:DT:O2	6	2.02
(1,10)	1:A:20:THR:N	2:X:3:DT:O3'	6	2.02
(1,10)	1:A:20:THR:N	2:X:3:DT:O4	6	2.02
(1,10)	1:A:20:THR:N	2:X:3:DT:O4'	6	2.02
(1,10)	1:A:20:THR:N	2:X:3:DT:O5'	6	2.02
(1,10)	1:A:20:THR:N	2:X:3:DT:OP1	6	2.02
(1,10)	1:A:20:THR:N	2:X:3:DT:OP2	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:N	2:X:3:DT:P	6	2.02
(1,10)	1:A:20:THR:N	2:X:4:DG:C1'	6	2.02
(1,10)	1:A:20:THR:N	2:X:4:DG:C2	6	2.02
(1,10)	1:A:20:THR:N	2:X:4:DG:C2'	6	2.02
(1,10)	1:A:20:THR:N	2:X:4:DG:C3'	6	2.02
(1,10)	1:A:20:THR:N	2:X:4:DG:C4	6	2.02
(1,10)	1:A:20:THR:N	2:X:4:DG:C4'	6	2.02
(1,10)	1:A:20:THR:N	2:X:4:DG:C5	6	2.02
(1,10)	1:A:20:THR:N	2:X:4:DG:C5'	6	2.02
(1,10)	1:A:20:THR:N	2:X:4:DG:C6	6	2.02
(1,10)	1:A:20:THR:N	2:X:4:DG:C8	6	2.02
(1,10)	1:A:20:THR:N	2:X:4:DG:H1	6	2.02
(1,10)	1:A:20:THR:N	2:X:4:DG:H1'	6	2.02
(1,10)	1:A:20:THR:N	2:X:4:DG:H2'	6	2.02
(1,10)	1:A:20:THR:N	2:X:4:DG:H2''	6	2.02
(1,10)	1:A:20:THR:N	2:X:4:DG:H21	6	2.02
(1,10)	1:A:20:THR:N	2:X:4:DG:H22	6	2.02
(1,10)	1:A:20:THR:N	2:X:4:DG:H3'	6	2.02
(1,10)	1:A:20:THR:N	2:X:4:DG:H4'	6	2.02
(1,10)	1:A:20:THR:N	2:X:4:DG:H5'	6	2.02
(1,10)	1:A:20:THR:N	2:X:4:DG:H5''	6	2.02
(1,10)	1:A:20:THR:N	2:X:4:DG:H8	6	2.02
(1,10)	1:A:20:THR:N	2:X:4:DG:N1	6	2.02
(1,10)	1:A:20:THR:N	2:X:4:DG:N2	6	2.02
(1,10)	1:A:20:THR:N	2:X:4:DG:N3	6	2.02
(1,10)	1:A:20:THR:N	2:X:4:DG:N7	6	2.02
(1,10)	1:A:20:THR:N	2:X:4:DG:N9	6	2.02
(1,10)	1:A:20:THR:N	2:X:4:DG:O3'	6	2.02
(1,10)	1:A:20:THR:N	2:X:4:DG:O4'	6	2.02
(1,10)	1:A:20:THR:N	2:X:4:DG:O5'	6	2.02
(1,10)	1:A:20:THR:N	2:X:4:DG:O6	6	2.02
(1,10)	1:A:20:THR:N	2:X:4:DG:OP1	6	2.02
(1,10)	1:A:20:THR:N	2:X:4:DG:OP2	6	2.02
(1,10)	1:A:20:THR:N	2:X:4:DG:P	6	2.02
(1,10)	1:A:20:THR:N	2:X:5:DA:C1'	6	2.02
(1,10)	1:A:20:THR:N	2:X:5:DA:C2	6	2.02
(1,10)	1:A:20:THR:N	2:X:5:DA:C2'	6	2.02
(1,10)	1:A:20:THR:N	2:X:5:DA:C3'	6	2.02
(1,10)	1:A:20:THR:N	2:X:5:DA:C4	6	2.02
(1,10)	1:A:20:THR:N	2:X:5:DA:C4'	6	2.02
(1,10)	1:A:20:THR:N	2:X:5:DA:C5	6	2.02
(1,10)	1:A:20:THR:N	2:X:5:DA:C5'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:N	2:X:5:DA:C6	6	2.02
(1,10)	1:A:20:THR:N	2:X:5:DA:C8	6	2.02
(1,10)	1:A:20:THR:N	2:X:5:DA:H1'	6	2.02
(1,10)	1:A:20:THR:N	2:X:5:DA:H2	6	2.02
(1,10)	1:A:20:THR:N	2:X:5:DA:H2'	6	2.02
(1,10)	1:A:20:THR:N	2:X:5:DA:H2''	6	2.02
(1,10)	1:A:20:THR:N	2:X:5:DA:H3'	6	2.02
(1,10)	1:A:20:THR:N	2:X:5:DA:H4'	6	2.02
(1,10)	1:A:20:THR:N	2:X:5:DA:H5'	6	2.02
(1,10)	1:A:20:THR:N	2:X:5:DA:H5''	6	2.02
(1,10)	1:A:20:THR:N	2:X:5:DA:H61	6	2.02
(1,10)	1:A:20:THR:N	2:X:5:DA:H62	6	2.02
(1,10)	1:A:20:THR:N	2:X:5:DA:H8	6	2.02
(1,10)	1:A:20:THR:N	2:X:5:DA:N1	6	2.02
(1,10)	1:A:20:THR:N	2:X:5:DA:N3	6	2.02
(1,10)	1:A:20:THR:N	2:X:5:DA:N6	6	2.02
(1,10)	1:A:20:THR:N	2:X:5:DA:N7	6	2.02
(1,10)	1:A:20:THR:N	2:X:5:DA:N9	6	2.02
(1,10)	1:A:20:THR:N	2:X:5:DA:O3'	6	2.02
(1,10)	1:A:20:THR:N	2:X:5:DA:O4'	6	2.02
(1,10)	1:A:20:THR:N	2:X:5:DA:O5'	6	2.02
(1,10)	1:A:20:THR:N	2:X:5:DA:OP1	6	2.02
(1,10)	1:A:20:THR:N	2:X:5:DA:OP2	6	2.02
(1,10)	1:A:20:THR:N	2:X:5:DA:P	6	2.02
(1,10)	1:A:20:THR:N	2:X:6:DT:C1'	6	2.02
(1,10)	1:A:20:THR:N	2:X:6:DT:C2	6	2.02
(1,10)	1:A:20:THR:N	2:X:6:DT:C2'	6	2.02
(1,10)	1:A:20:THR:N	2:X:6:DT:C3'	6	2.02
(1,10)	1:A:20:THR:N	2:X:6:DT:C4	6	2.02
(1,10)	1:A:20:THR:N	2:X:6:DT:C4'	6	2.02
(1,10)	1:A:20:THR:N	2:X:6:DT:C5	6	2.02
(1,10)	1:A:20:THR:N	2:X:6:DT:C5'	6	2.02
(1,10)	1:A:20:THR:N	2:X:6:DT:C6	6	2.02
(1,10)	1:A:20:THR:N	2:X:6:DT:C7	6	2.02
(1,10)	1:A:20:THR:N	2:X:6:DT:H1'	6	2.02
(1,10)	1:A:20:THR:N	2:X:6:DT:H2'	6	2.02
(1,10)	1:A:20:THR:N	2:X:6:DT:H2''	6	2.02
(1,10)	1:A:20:THR:N	2:X:6:DT:H3	6	2.02
(1,10)	1:A:20:THR:N	2:X:6:DT:H3'	6	2.02
(1,10)	1:A:20:THR:N	2:X:6:DT:H4'	6	2.02
(1,10)	1:A:20:THR:N	2:X:6:DT:H5'	6	2.02
(1,10)	1:A:20:THR:N	2:X:6:DT:H5''	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:N	2:X:6:DT:H6	6	2.02
(1,10)	1:A:20:THR:N	2:X:6:DT:H71	6	2.02
(1,10)	1:A:20:THR:N	2:X:6:DT:H72	6	2.02
(1,10)	1:A:20:THR:N	2:X:6:DT:H73	6	2.02
(1,10)	1:A:20:THR:N	2:X:6:DT:N1	6	2.02
(1,10)	1:A:20:THR:N	2:X:6:DT:N3	6	2.02
(1,10)	1:A:20:THR:N	2:X:6:DT:O2	6	2.02
(1,10)	1:A:20:THR:N	2:X:6:DT:O3'	6	2.02
(1,10)	1:A:20:THR:N	2:X:6:DT:O4	6	2.02
(1,10)	1:A:20:THR:N	2:X:6:DT:O4'	6	2.02
(1,10)	1:A:20:THR:N	2:X:6:DT:O5'	6	2.02
(1,10)	1:A:20:THR:N	2:X:6:DT:OP1	6	2.02
(1,10)	1:A:20:THR:N	2:X:6:DT:OP2	6	2.02
(1,10)	1:A:20:THR:N	2:X:6:DT:P	6	2.02
(1,10)	1:A:20:THR:N	2:X:7:DA:C1'	6	2.02
(1,10)	1:A:20:THR:N	2:X:7:DA:C2	6	2.02
(1,10)	1:A:20:THR:N	2:X:7:DA:C2'	6	2.02
(1,10)	1:A:20:THR:N	2:X:7:DA:C3'	6	2.02
(1,10)	1:A:20:THR:N	2:X:7:DA:C4	6	2.02
(1,10)	1:A:20:THR:N	2:X:7:DA:C4'	6	2.02
(1,10)	1:A:20:THR:N	2:X:7:DA:C5	6	2.02
(1,10)	1:A:20:THR:N	2:X:7:DA:C5'	6	2.02
(1,10)	1:A:20:THR:N	2:X:7:DA:C6	6	2.02
(1,10)	1:A:20:THR:N	2:X:7:DA:C8	6	2.02
(1,10)	1:A:20:THR:N	2:X:7:DA:H1'	6	2.02
(1,10)	1:A:20:THR:N	2:X:7:DA:H2	6	2.02
(1,10)	1:A:20:THR:N	2:X:7:DA:H2'	6	2.02
(1,10)	1:A:20:THR:N	2:X:7:DA:H2''	6	2.02
(1,10)	1:A:20:THR:N	2:X:7:DA:H3'	6	2.02
(1,10)	1:A:20:THR:N	2:X:7:DA:H4'	6	2.02
(1,10)	1:A:20:THR:N	2:X:7:DA:H5'	6	2.02
(1,10)	1:A:20:THR:N	2:X:7:DA:H5''	6	2.02
(1,10)	1:A:20:THR:N	2:X:7:DA:H61	6	2.02
(1,10)	1:A:20:THR:N	2:X:7:DA:H62	6	2.02
(1,10)	1:A:20:THR:N	2:X:7:DA:H8	6	2.02
(1,10)	1:A:20:THR:N	2:X:7:DA:N1	6	2.02
(1,10)	1:A:20:THR:N	2:X:7:DA:N3	6	2.02
(1,10)	1:A:20:THR:N	2:X:7:DA:N6	6	2.02
(1,10)	1:A:20:THR:N	2:X:7:DA:N7	6	2.02
(1,10)	1:A:20:THR:N	2:X:7:DA:N9	6	2.02
(1,10)	1:A:20:THR:N	2:X:7:DA:O3'	6	2.02
(1,10)	1:A:20:THR:N	2:X:7:DA:O4'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:N	2:X:7:DA:O5'	6	2.02
(1,10)	1:A:20:THR:N	2:X:7:DA:OP1	6	2.02
(1,10)	1:A:20:THR:N	2:X:7:DA:OP2	6	2.02
(1,10)	1:A:20:THR:N	2:X:7:DA:P	6	2.02
(1,10)	1:A:20:THR:N	2:X:8:DT:C1'	6	2.02
(1,10)	1:A:20:THR:N	2:X:8:DT:C2	6	2.02
(1,10)	1:A:20:THR:N	2:X:8:DT:C2'	6	2.02
(1,10)	1:A:20:THR:N	2:X:8:DT:C3'	6	2.02
(1,10)	1:A:20:THR:N	2:X:8:DT:C4	6	2.02
(1,10)	1:A:20:THR:N	2:X:8:DT:C4'	6	2.02
(1,10)	1:A:20:THR:N	2:X:8:DT:C5	6	2.02
(1,10)	1:A:20:THR:N	2:X:8:DT:C5'	6	2.02
(1,10)	1:A:20:THR:N	2:X:8:DT:C6	6	2.02
(1,10)	1:A:20:THR:N	2:X:8:DT:C7	6	2.02
(1,10)	1:A:20:THR:N	2:X:8:DT:H1'	6	2.02
(1,10)	1:A:20:THR:N	2:X:8:DT:H2'	6	2.02
(1,10)	1:A:20:THR:N	2:X:8:DT:H2''	6	2.02
(1,10)	1:A:20:THR:N	2:X:8:DT:H3	6	2.02
(1,10)	1:A:20:THR:N	2:X:8:DT:H3'	6	2.02
(1,10)	1:A:20:THR:N	2:X:8:DT:H4'	6	2.02
(1,10)	1:A:20:THR:N	2:X:8:DT:H5'	6	2.02
(1,10)	1:A:20:THR:N	2:X:8:DT:H5''	6	2.02
(1,10)	1:A:20:THR:N	2:X:8:DT:H6	6	2.02
(1,10)	1:A:20:THR:N	2:X:8:DT:H71	6	2.02
(1,10)	1:A:20:THR:N	2:X:8:DT:H72	6	2.02
(1,10)	1:A:20:THR:N	2:X:8:DT:H73	6	2.02
(1,10)	1:A:20:THR:N	2:X:8:DT:N1	6	2.02
(1,10)	1:A:20:THR:N	2:X:8:DT:N3	6	2.02
(1,10)	1:A:20:THR:N	2:X:8:DT:O2	6	2.02
(1,10)	1:A:20:THR:N	2:X:8:DT:O3'	6	2.02
(1,10)	1:A:20:THR:N	2:X:8:DT:O4	6	2.02
(1,10)	1:A:20:THR:N	2:X:8:DT:O4'	6	2.02
(1,10)	1:A:20:THR:N	2:X:8:DT:O5'	6	2.02
(1,10)	1:A:20:THR:N	2:X:8:DT:OP1	6	2.02
(1,10)	1:A:20:THR:N	2:X:8:DT:OP2	6	2.02
(1,10)	1:A:20:THR:N	2:X:8:DT:P	6	2.02
(1,10)	1:A:20:THR:N	2:X:9:DA:C1'	6	2.02
(1,10)	1:A:20:THR:N	2:X:9:DA:C2	6	2.02
(1,10)	1:A:20:THR:N	2:X:9:DA:C2'	6	2.02
(1,10)	1:A:20:THR:N	2:X:9:DA:C3'	6	2.02
(1,10)	1:A:20:THR:N	2:X:9:DA:C4	6	2.02
(1,10)	1:A:20:THR:N	2:X:9:DA:C4'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:N	2:X:9:DA:C5	6	2.02
(1,10)	1:A:20:THR:N	2:X:9:DA:C5'	6	2.02
(1,10)	1:A:20:THR:N	2:X:9:DA:C6	6	2.02
(1,10)	1:A:20:THR:N	2:X:9:DA:C8	6	2.02
(1,10)	1:A:20:THR:N	2:X:9:DA:H1'	6	2.02
(1,10)	1:A:20:THR:N	2:X:9:DA:H2	6	2.02
(1,10)	1:A:20:THR:N	2:X:9:DA:H2'	6	2.02
(1,10)	1:A:20:THR:N	2:X:9:DA:H2''	6	2.02
(1,10)	1:A:20:THR:N	2:X:9:DA:H3'	6	2.02
(1,10)	1:A:20:THR:N	2:X:9:DA:H4'	6	2.02
(1,10)	1:A:20:THR:N	2:X:9:DA:H5'	6	2.02
(1,10)	1:A:20:THR:N	2:X:9:DA:H5''	6	2.02
(1,10)	1:A:20:THR:N	2:X:9:DA:H61	6	2.02
(1,10)	1:A:20:THR:N	2:X:9:DA:H62	6	2.02
(1,10)	1:A:20:THR:N	2:X:9:DA:H8	6	2.02
(1,10)	1:A:20:THR:N	2:X:9:DA:N1	6	2.02
(1,10)	1:A:20:THR:N	2:X:9:DA:N3	6	2.02
(1,10)	1:A:20:THR:N	2:X:9:DA:N6	6	2.02
(1,10)	1:A:20:THR:N	2:X:9:DA:N7	6	2.02
(1,10)	1:A:20:THR:N	2:X:9:DA:N9	6	2.02
(1,10)	1:A:20:THR:N	2:X:9:DA:O3'	6	2.02
(1,10)	1:A:20:THR:N	2:X:9:DA:O4'	6	2.02
(1,10)	1:A:20:THR:N	2:X:9:DA:O5'	6	2.02
(1,10)	1:A:20:THR:N	2:X:9:DA:OP1	6	2.02
(1,10)	1:A:20:THR:N	2:X:9:DA:OP2	6	2.02
(1,10)	1:A:20:THR:N	2:X:9:DA:P	6	2.02
(1,10)	1:A:20:THR:N	2:X:10:DT:C1'	6	2.02
(1,10)	1:A:20:THR:N	2:X:10:DT:C2	6	2.02
(1,10)	1:A:20:THR:N	2:X:10:DT:C2'	6	2.02
(1,10)	1:A:20:THR:N	2:X:10:DT:C3'	6	2.02
(1,10)	1:A:20:THR:N	2:X:10:DT:C4	6	2.02
(1,10)	1:A:20:THR:N	2:X:10:DT:C4'	6	2.02
(1,10)	1:A:20:THR:N	2:X:10:DT:C5	6	2.02
(1,10)	1:A:20:THR:N	2:X:10:DT:C5'	6	2.02
(1,10)	1:A:20:THR:N	2:X:10:DT:C6	6	2.02
(1,10)	1:A:20:THR:N	2:X:10:DT:C7	6	2.02
(1,10)	1:A:20:THR:N	2:X:10:DT:H1'	6	2.02
(1,10)	1:A:20:THR:N	2:X:10:DT:H2'	6	2.02
(1,10)	1:A:20:THR:N	2:X:10:DT:H2''	6	2.02
(1,10)	1:A:20:THR:N	2:X:10:DT:H3	6	2.02
(1,10)	1:A:20:THR:N	2:X:10:DT:H3'	6	2.02
(1,10)	1:A:20:THR:N	2:X:10:DT:H4'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:N	2:X:10:DT:H5'	6	2.02
(1,10)	1:A:20:THR:N	2:X:10:DT:H5''	6	2.02
(1,10)	1:A:20:THR:N	2:X:10:DT:H6	6	2.02
(1,10)	1:A:20:THR:N	2:X:10:DT:H71	6	2.02
(1,10)	1:A:20:THR:N	2:X:10:DT:H72	6	2.02
(1,10)	1:A:20:THR:N	2:X:10:DT:H73	6	2.02
(1,10)	1:A:20:THR:N	2:X:10:DT:N1	6	2.02
(1,10)	1:A:20:THR:N	2:X:10:DT:N3	6	2.02
(1,10)	1:A:20:THR:N	2:X:10:DT:O2	6	2.02
(1,10)	1:A:20:THR:N	2:X:10:DT:O3'	6	2.02
(1,10)	1:A:20:THR:N	2:X:10:DT:O4	6	2.02
(1,10)	1:A:20:THR:N	2:X:10:DT:O4'	6	2.02
(1,10)	1:A:20:THR:N	2:X:10:DT:O5'	6	2.02
(1,10)	1:A:20:THR:N	2:X:10:DT:OP1	6	2.02
(1,10)	1:A:20:THR:N	2:X:10:DT:OP2	6	2.02
(1,10)	1:A:20:THR:N	2:X:10:DT:P	6	2.02
(1,10)	1:A:20:THR:N	2:X:11:DA:C1'	6	2.02
(1,10)	1:A:20:THR:N	2:X:11:DA:C2	6	2.02
(1,10)	1:A:20:THR:N	2:X:11:DA:C2'	6	2.02
(1,10)	1:A:20:THR:N	2:X:11:DA:C3'	6	2.02
(1,10)	1:A:20:THR:N	2:X:11:DA:C4	6	2.02
(1,10)	1:A:20:THR:N	2:X:11:DA:C4'	6	2.02
(1,10)	1:A:20:THR:N	2:X:11:DA:C5	6	2.02
(1,10)	1:A:20:THR:N	2:X:11:DA:C5'	6	2.02
(1,10)	1:A:20:THR:N	2:X:11:DA:C6	6	2.02
(1,10)	1:A:20:THR:N	2:X:11:DA:C8	6	2.02
(1,10)	1:A:20:THR:N	2:X:11:DA:H1'	6	2.02
(1,10)	1:A:20:THR:N	2:X:11:DA:H2	6	2.02
(1,10)	1:A:20:THR:N	2:X:11:DA:H2'	6	2.02
(1,10)	1:A:20:THR:N	2:X:11:DA:H2''	6	2.02
(1,10)	1:A:20:THR:N	2:X:11:DA:H3'	6	2.02
(1,10)	1:A:20:THR:N	2:X:11:DA:H4'	6	2.02
(1,10)	1:A:20:THR:N	2:X:11:DA:H5'	6	2.02
(1,10)	1:A:20:THR:N	2:X:11:DA:H5''	6	2.02
(1,10)	1:A:20:THR:N	2:X:11:DA:H61	6	2.02
(1,10)	1:A:20:THR:N	2:X:11:DA:H62	6	2.02
(1,10)	1:A:20:THR:N	2:X:11:DA:H8	6	2.02
(1,10)	1:A:20:THR:N	2:X:11:DA:N1	6	2.02
(1,10)	1:A:20:THR:N	2:X:11:DA:N3	6	2.02
(1,10)	1:A:20:THR:N	2:X:11:DA:N6	6	2.02
(1,10)	1:A:20:THR:N	2:X:11:DA:N7	6	2.02
(1,10)	1:A:20:THR:N	2:X:11:DA:N9	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:N	2:X:11:DA:O3'	6	2.02
(1,10)	1:A:20:THR:N	2:X:11:DA:O4'	6	2.02
(1,10)	1:A:20:THR:N	2:X:11:DA:O5'	6	2.02
(1,10)	1:A:20:THR:N	2:X:11:DA:OP1	6	2.02
(1,10)	1:A:20:THR:N	2:X:11:DA:OP2	6	2.02
(1,10)	1:A:20:THR:N	2:X:11:DA:P	6	2.02
(1,10)	1:A:20:THR:N	2:X:12:DG:C1'	6	2.02
(1,10)	1:A:20:THR:N	2:X:12:DG:C2	6	2.02
(1,10)	1:A:20:THR:N	2:X:12:DG:C2'	6	2.02
(1,10)	1:A:20:THR:N	2:X:12:DG:C3'	6	2.02
(1,10)	1:A:20:THR:N	2:X:12:DG:C4	6	2.02
(1,10)	1:A:20:THR:N	2:X:12:DG:C4'	6	2.02
(1,10)	1:A:20:THR:N	2:X:12:DG:C5	6	2.02
(1,10)	1:A:20:THR:N	2:X:12:DG:C5'	6	2.02
(1,10)	1:A:20:THR:N	2:X:12:DG:C6	6	2.02
(1,10)	1:A:20:THR:N	2:X:12:DG:C8	6	2.02
(1,10)	1:A:20:THR:N	2:X:12:DG:H1	6	2.02
(1,10)	1:A:20:THR:N	2:X:12:DG:H1'	6	2.02
(1,10)	1:A:20:THR:N	2:X:12:DG:H2'	6	2.02
(1,10)	1:A:20:THR:N	2:X:12:DG:H2''	6	2.02
(1,10)	1:A:20:THR:N	2:X:12:DG:H21	6	2.02
(1,10)	1:A:20:THR:N	2:X:12:DG:H22	6	2.02
(1,10)	1:A:20:THR:N	2:X:12:DG:H3'	6	2.02
(1,10)	1:A:20:THR:N	2:X:12:DG:H4'	6	2.02
(1,10)	1:A:20:THR:N	2:X:12:DG:H5'	6	2.02
(1,10)	1:A:20:THR:N	2:X:12:DG:H5''	6	2.02
(1,10)	1:A:20:THR:N	2:X:12:DG:H8	6	2.02
(1,10)	1:A:20:THR:N	2:X:12:DG:N1	6	2.02
(1,10)	1:A:20:THR:N	2:X:12:DG:N2	6	2.02
(1,10)	1:A:20:THR:N	2:X:12:DG:N3	6	2.02
(1,10)	1:A:20:THR:N	2:X:12:DG:N7	6	2.02
(1,10)	1:A:20:THR:N	2:X:12:DG:N9	6	2.02
(1,10)	1:A:20:THR:N	2:X:12:DG:O3'	6	2.02
(1,10)	1:A:20:THR:N	2:X:12:DG:O4'	6	2.02
(1,10)	1:A:20:THR:N	2:X:12:DG:O5'	6	2.02
(1,10)	1:A:20:THR:N	2:X:12:DG:O6	6	2.02
(1,10)	1:A:20:THR:N	2:X:12:DG:OP1	6	2.02
(1,10)	1:A:20:THR:N	2:X:12:DG:OP2	6	2.02
(1,10)	1:A:20:THR:N	2:X:12:DG:P	6	2.02
(1,10)	1:A:20:THR:N	2:X:13:DT:C1'	6	2.02
(1,10)	1:A:20:THR:N	2:X:13:DT:C2	6	2.02
(1,10)	1:A:20:THR:N	2:X:13:DT:C2'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:N	2:X:13:DT:C3'	6	2.02
(1,10)	1:A:20:THR:N	2:X:13:DT:C4	6	2.02
(1,10)	1:A:20:THR:N	2:X:13:DT:C4'	6	2.02
(1,10)	1:A:20:THR:N	2:X:13:DT:C5	6	2.02
(1,10)	1:A:20:THR:N	2:X:13:DT:C5'	6	2.02
(1,10)	1:A:20:THR:N	2:X:13:DT:C6	6	2.02
(1,10)	1:A:20:THR:N	2:X:13:DT:C7	6	2.02
(1,10)	1:A:20:THR:N	2:X:13:DT:H1'	6	2.02
(1,10)	1:A:20:THR:N	2:X:13:DT:H2'	6	2.02
(1,10)	1:A:20:THR:N	2:X:13:DT:H2''	6	2.02
(1,10)	1:A:20:THR:N	2:X:13:DT:H3	6	2.02
(1,10)	1:A:20:THR:N	2:X:13:DT:H3'	6	2.02
(1,10)	1:A:20:THR:N	2:X:13:DT:H4'	6	2.02
(1,10)	1:A:20:THR:N	2:X:13:DT:H5'	6	2.02
(1,10)	1:A:20:THR:N	2:X:13:DT:H5''	6	2.02
(1,10)	1:A:20:THR:N	2:X:13:DT:H6	6	2.02
(1,10)	1:A:20:THR:N	2:X:13:DT:H71	6	2.02
(1,10)	1:A:20:THR:N	2:X:13:DT:H72	6	2.02
(1,10)	1:A:20:THR:N	2:X:13:DT:H73	6	2.02
(1,10)	1:A:20:THR:N	2:X:13:DT:N1	6	2.02
(1,10)	1:A:20:THR:N	2:X:13:DT:N3	6	2.02
(1,10)	1:A:20:THR:N	2:X:13:DT:O2	6	2.02
(1,10)	1:A:20:THR:N	2:X:13:DT:O3'	6	2.02
(1,10)	1:A:20:THR:N	2:X:13:DT:O4	6	2.02
(1,10)	1:A:20:THR:N	2:X:13:DT:O4'	6	2.02
(1,10)	1:A:20:THR:N	2:X:13:DT:O5'	6	2.02
(1,10)	1:A:20:THR:N	2:X:13:DT:OP1	6	2.02
(1,10)	1:A:20:THR:N	2:X:13:DT:OP2	6	2.02
(1,10)	1:A:20:THR:N	2:X:13:DT:P	6	2.02
(1,10)	1:A:20:THR:N	3:Y:3:DA:C1'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:3:DA:C2	6	2.02
(1,10)	1:A:20:THR:N	3:Y:3:DA:C2'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:3:DA:C3'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:3:DA:C4	6	2.02
(1,10)	1:A:20:THR:N	3:Y:3:DA:C4'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:3:DA:C5	6	2.02
(1,10)	1:A:20:THR:N	3:Y:3:DA:C5'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:3:DA:C6	6	2.02
(1,10)	1:A:20:THR:N	3:Y:3:DA:C8	6	2.02
(1,10)	1:A:20:THR:N	3:Y:3:DA:H1'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:3:DA:H2	6	2.02
(1,10)	1:A:20:THR:N	3:Y:3:DA:H2'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:N	3:Y:3:DA:H2''	6	2.02
(1,10)	1:A:20:THR:N	3:Y:3:DA:H3'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:3:DA:H4'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:3:DA:H5'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:3:DA:H5''	6	2.02
(1,10)	1:A:20:THR:N	3:Y:3:DA:H61	6	2.02
(1,10)	1:A:20:THR:N	3:Y:3:DA:H62	6	2.02
(1,10)	1:A:20:THR:N	3:Y:3:DA:H8	6	2.02
(1,10)	1:A:20:THR:N	3:Y:3:DA:N1	6	2.02
(1,10)	1:A:20:THR:N	3:Y:3:DA:N3	6	2.02
(1,10)	1:A:20:THR:N	3:Y:3:DA:N6	6	2.02
(1,10)	1:A:20:THR:N	3:Y:3:DA:N7	6	2.02
(1,10)	1:A:20:THR:N	3:Y:3:DA:N9	6	2.02
(1,10)	1:A:20:THR:N	3:Y:3:DA:O3'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:3:DA:O4'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:3:DA:O5'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:3:DA:OP1	6	2.02
(1,10)	1:A:20:THR:N	3:Y:3:DA:OP2	6	2.02
(1,10)	1:A:20:THR:N	3:Y:3:DA:P	6	2.02
(1,10)	1:A:20:THR:N	3:Y:4:DC:C1'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:4:DC:C2	6	2.02
(1,10)	1:A:20:THR:N	3:Y:4:DC:C2'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:4:DC:C3'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:4:DC:C4	6	2.02
(1,10)	1:A:20:THR:N	3:Y:4:DC:C4'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:4:DC:C5	6	2.02
(1,10)	1:A:20:THR:N	3:Y:4:DC:C5'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:4:DC:C6	6	2.02
(1,10)	1:A:20:THR:N	3:Y:4:DC:H1'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:4:DC:H2'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:4:DC:H2''	6	2.02
(1,10)	1:A:20:THR:N	3:Y:4:DC:H3'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:4:DC:H4'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:4:DC:H41	6	2.02
(1,10)	1:A:20:THR:N	3:Y:4:DC:H42	6	2.02
(1,10)	1:A:20:THR:N	3:Y:4:DC:H5	6	2.02
(1,10)	1:A:20:THR:N	3:Y:4:DC:H5'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:4:DC:H5''	6	2.02
(1,10)	1:A:20:THR:N	3:Y:4:DC:H6	6	2.02
(1,10)	1:A:20:THR:N	3:Y:4:DC:N1	6	2.02
(1,10)	1:A:20:THR:N	3:Y:4:DC:N3	6	2.02
(1,10)	1:A:20:THR:N	3:Y:4:DC:N4	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:N	3:Y:4:DC:O2	6	2.02
(1,10)	1:A:20:THR:N	3:Y:4:DC:O3'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:4:DC:O4'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:4:DC:O5'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:4:DC:OP1	6	2.02
(1,10)	1:A:20:THR:N	3:Y:4:DC:OP2	6	2.02
(1,10)	1:A:20:THR:N	3:Y:4:DC:P	6	2.02
(1,10)	1:A:20:THR:N	3:Y:5:DT:C1'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:5:DT:C2	6	2.02
(1,10)	1:A:20:THR:N	3:Y:5:DT:C2'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:5:DT:C3'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:5:DT:C4	6	2.02
(1,10)	1:A:20:THR:N	3:Y:5:DT:C4'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:5:DT:C5	6	2.02
(1,10)	1:A:20:THR:N	3:Y:5:DT:C5'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:5:DT:C6	6	2.02
(1,10)	1:A:20:THR:N	3:Y:5:DT:C7	6	2.02
(1,10)	1:A:20:THR:N	3:Y:5:DT:H1'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:5:DT:H2'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:5:DT:H2''	6	2.02
(1,10)	1:A:20:THR:N	3:Y:5:DT:H3	6	2.02
(1,10)	1:A:20:THR:N	3:Y:5:DT:H3'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:5:DT:H4'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:5:DT:H5'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:5:DT:H5''	6	2.02
(1,10)	1:A:20:THR:N	3:Y:5:DT:H6	6	2.02
(1,10)	1:A:20:THR:N	3:Y:5:DT:H71	6	2.02
(1,10)	1:A:20:THR:N	3:Y:5:DT:H72	6	2.02
(1,10)	1:A:20:THR:N	3:Y:5:DT:H73	6	2.02
(1,10)	1:A:20:THR:N	3:Y:5:DT:N1	6	2.02
(1,10)	1:A:20:THR:N	3:Y:5:DT:N3	6	2.02
(1,10)	1:A:20:THR:N	3:Y:5:DT:O2	6	2.02
(1,10)	1:A:20:THR:N	3:Y:5:DT:O3'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:5:DT:O4	6	2.02
(1,10)	1:A:20:THR:N	3:Y:5:DT:O4'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:5:DT:O5'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:5:DT:OP1	6	2.02
(1,10)	1:A:20:THR:N	3:Y:5:DT:OP2	6	2.02
(1,10)	1:A:20:THR:N	3:Y:5:DT:P	6	2.02
(1,10)	1:A:20:THR:N	3:Y:6:DA:C1'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:6:DA:C2	6	2.02
(1,10)	1:A:20:THR:N	3:Y:6:DA:C2'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:N	3:Y:6:DA:C3'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:6:DA:C4	6	2.02
(1,10)	1:A:20:THR:N	3:Y:6:DA:C4'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:6:DA:C5	6	2.02
(1,10)	1:A:20:THR:N	3:Y:6:DA:C5'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:6:DA:C6	6	2.02
(1,10)	1:A:20:THR:N	3:Y:6:DA:C8	6	2.02
(1,10)	1:A:20:THR:N	3:Y:6:DA:H1'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:6:DA:H2	6	2.02
(1,10)	1:A:20:THR:N	3:Y:6:DA:H2'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:6:DA:H2''	6	2.02
(1,10)	1:A:20:THR:N	3:Y:6:DA:H3'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:6:DA:H4'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:6:DA:H5'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:6:DA:H5''	6	2.02
(1,10)	1:A:20:THR:N	3:Y:6:DA:H61	6	2.02
(1,10)	1:A:20:THR:N	3:Y:6:DA:H62	6	2.02
(1,10)	1:A:20:THR:N	3:Y:6:DA:H8	6	2.02
(1,10)	1:A:20:THR:N	3:Y:6:DA:N1	6	2.02
(1,10)	1:A:20:THR:N	3:Y:6:DA:N3	6	2.02
(1,10)	1:A:20:THR:N	3:Y:6:DA:N6	6	2.02
(1,10)	1:A:20:THR:N	3:Y:6:DA:N7	6	2.02
(1,10)	1:A:20:THR:N	3:Y:6:DA:N9	6	2.02
(1,10)	1:A:20:THR:N	3:Y:6:DA:O3'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:6:DA:O4'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:6:DA:O5'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:6:DA:OP1	6	2.02
(1,10)	1:A:20:THR:N	3:Y:6:DA:OP2	6	2.02
(1,10)	1:A:20:THR:N	3:Y:6:DA:P	6	2.02
(1,10)	1:A:20:THR:N	3:Y:7:DT:C1'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:7:DT:C2	6	2.02
(1,10)	1:A:20:THR:N	3:Y:7:DT:C2'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:7:DT:C3'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:7:DT:C4	6	2.02
(1,10)	1:A:20:THR:N	3:Y:7:DT:C4'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:7:DT:C5	6	2.02
(1,10)	1:A:20:THR:N	3:Y:7:DT:C5'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:7:DT:C6	6	2.02
(1,10)	1:A:20:THR:N	3:Y:7:DT:C7	6	2.02
(1,10)	1:A:20:THR:N	3:Y:7:DT:H1'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:7:DT:H2'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:7:DT:H2''	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:N	3:Y:7:DT:H3	6	2.02
(1,10)	1:A:20:THR:N	3:Y:7:DT:H3'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:7:DT:H4'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:7:DT:H5'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:7:DT:H5''	6	2.02
(1,10)	1:A:20:THR:N	3:Y:7:DT:H6	6	2.02
(1,10)	1:A:20:THR:N	3:Y:7:DT:H71	6	2.02
(1,10)	1:A:20:THR:N	3:Y:7:DT:H72	6	2.02
(1,10)	1:A:20:THR:N	3:Y:7:DT:H73	6	2.02
(1,10)	1:A:20:THR:N	3:Y:7:DT:N1	6	2.02
(1,10)	1:A:20:THR:N	3:Y:7:DT:N3	6	2.02
(1,10)	1:A:20:THR:N	3:Y:7:DT:O2	6	2.02
(1,10)	1:A:20:THR:N	3:Y:7:DT:O3'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:7:DT:O4	6	2.02
(1,10)	1:A:20:THR:N	3:Y:7:DT:O4'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:7:DT:O5'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:7:DT:OP1	6	2.02
(1,10)	1:A:20:THR:N	3:Y:7:DT:OP2	6	2.02
(1,10)	1:A:20:THR:N	3:Y:7:DT:P	6	2.02
(1,10)	1:A:20:THR:N	3:Y:8:DA:C1'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:8:DA:C2	6	2.02
(1,10)	1:A:20:THR:N	3:Y:8:DA:C2'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:8:DA:C3'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:8:DA:C4	6	2.02
(1,10)	1:A:20:THR:N	3:Y:8:DA:C4'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:8:DA:C5	6	2.02
(1,10)	1:A:20:THR:N	3:Y:8:DA:C5'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:8:DA:C6	6	2.02
(1,10)	1:A:20:THR:N	3:Y:8:DA:C8	6	2.02
(1,10)	1:A:20:THR:N	3:Y:8:DA:H1'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:8:DA:H2	6	2.02
(1,10)	1:A:20:THR:N	3:Y:8:DA:H2'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:8:DA:H2''	6	2.02
(1,10)	1:A:20:THR:N	3:Y:8:DA:H3'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:8:DA:H4'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:8:DA:H5'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:8:DA:H5''	6	2.02
(1,10)	1:A:20:THR:N	3:Y:8:DA:H61	6	2.02
(1,10)	1:A:20:THR:N	3:Y:8:DA:H62	6	2.02
(1,10)	1:A:20:THR:N	3:Y:8:DA:H8	6	2.02
(1,10)	1:A:20:THR:N	3:Y:8:DA:N1	6	2.02
(1,10)	1:A:20:THR:N	3:Y:8:DA:N3	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:N	3:Y:8:DA:N6	6	2.02
(1,10)	1:A:20:THR:N	3:Y:8:DA:N7	6	2.02
(1,10)	1:A:20:THR:N	3:Y:8:DA:N9	6	2.02
(1,10)	1:A:20:THR:N	3:Y:8:DA:O3'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:8:DA:O4'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:8:DA:O5'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:8:DA:OP1	6	2.02
(1,10)	1:A:20:THR:N	3:Y:8:DA:OP2	6	2.02
(1,10)	1:A:20:THR:N	3:Y:8:DA:P	6	2.02
(1,10)	1:A:20:THR:N	3:Y:9:DT:C1'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:9:DT:C2	6	2.02
(1,10)	1:A:20:THR:N	3:Y:9:DT:C2'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:9:DT:C3'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:9:DT:C4	6	2.02
(1,10)	1:A:20:THR:N	3:Y:9:DT:C4'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:9:DT:C5	6	2.02
(1,10)	1:A:20:THR:N	3:Y:9:DT:C5'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:9:DT:C6	6	2.02
(1,10)	1:A:20:THR:N	3:Y:9:DT:C7	6	2.02
(1,10)	1:A:20:THR:N	3:Y:9:DT:H1'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:9:DT:H2'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:9:DT:H2''	6	2.02
(1,10)	1:A:20:THR:N	3:Y:9:DT:H3	6	2.02
(1,10)	1:A:20:THR:N	3:Y:9:DT:H3'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:9:DT:H4'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:9:DT:H5'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:9:DT:H5''	6	2.02
(1,10)	1:A:20:THR:N	3:Y:9:DT:H6	6	2.02
(1,10)	1:A:20:THR:N	3:Y:9:DT:H71	6	2.02
(1,10)	1:A:20:THR:N	3:Y:9:DT:H72	6	2.02
(1,10)	1:A:20:THR:N	3:Y:9:DT:H73	6	2.02
(1,10)	1:A:20:THR:N	3:Y:9:DT:N1	6	2.02
(1,10)	1:A:20:THR:N	3:Y:9:DT:N3	6	2.02
(1,10)	1:A:20:THR:N	3:Y:9:DT:O2	6	2.02
(1,10)	1:A:20:THR:N	3:Y:9:DT:O3'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:9:DT:O4	6	2.02
(1,10)	1:A:20:THR:N	3:Y:9:DT:O4'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:9:DT:O5'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:9:DT:OP1	6	2.02
(1,10)	1:A:20:THR:N	3:Y:9:DT:OP2	6	2.02
(1,10)	1:A:20:THR:N	3:Y:9:DT:P	6	2.02
(1,10)	1:A:20:THR:N	3:Y:10:DA:C1'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:N	3:Y:10:DA:C2	6	2.02
(1,10)	1:A:20:THR:N	3:Y:10:DA:C2'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:10:DA:C3'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:10:DA:C4	6	2.02
(1,10)	1:A:20:THR:N	3:Y:10:DA:C4'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:10:DA:C5	6	2.02
(1,10)	1:A:20:THR:N	3:Y:10:DA:C5'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:10:DA:C6	6	2.02
(1,10)	1:A:20:THR:N	3:Y:10:DA:C8	6	2.02
(1,10)	1:A:20:THR:N	3:Y:10:DA:H1'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:10:DA:H2	6	2.02
(1,10)	1:A:20:THR:N	3:Y:10:DA:H2''	6	2.02
(1,10)	1:A:20:THR:N	3:Y:10:DA:H3'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:10:DA:H4'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:10:DA:H5'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:10:DA:H5''	6	2.02
(1,10)	1:A:20:THR:N	3:Y:10:DA:H61	6	2.02
(1,10)	1:A:20:THR:N	3:Y:10:DA:H62	6	2.02
(1,10)	1:A:20:THR:N	3:Y:10:DA:H8	6	2.02
(1,10)	1:A:20:THR:N	3:Y:10:DA:N1	6	2.02
(1,10)	1:A:20:THR:N	3:Y:10:DA:N3	6	2.02
(1,10)	1:A:20:THR:N	3:Y:10:DA:N6	6	2.02
(1,10)	1:A:20:THR:N	3:Y:10:DA:N7	6	2.02
(1,10)	1:A:20:THR:N	3:Y:10:DA:N9	6	2.02
(1,10)	1:A:20:THR:N	3:Y:10:DA:O3'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:10:DA:O4'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:10:DA:O5'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:10:DA:OP1	6	2.02
(1,10)	1:A:20:THR:N	3:Y:10:DA:OP2	6	2.02
(1,10)	1:A:20:THR:N	3:Y:10:DA:P	6	2.02
(1,10)	1:A:20:THR:N	3:Y:11:DT:C1'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:11:DT:C2	6	2.02
(1,10)	1:A:20:THR:N	3:Y:11:DT:C2'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:11:DT:C3'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:11:DT:C4	6	2.02
(1,10)	1:A:20:THR:N	3:Y:11:DT:C4'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:11:DT:C5	6	2.02
(1,10)	1:A:20:THR:N	3:Y:11:DT:C5'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:11:DT:C6	6	2.02
(1,10)	1:A:20:THR:N	3:Y:11:DT:C7	6	2.02
(1,10)	1:A:20:THR:N	3:Y:11:DT:H1'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:N	3:Y:11:DT:H2'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:11:DT:H2''	6	2.02
(1,10)	1:A:20:THR:N	3:Y:11:DT:H3	6	2.02
(1,10)	1:A:20:THR:N	3:Y:11:DT:H3'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:11:DT:H4'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:11:DT:H5'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:11:DT:H5''	6	2.02
(1,10)	1:A:20:THR:N	3:Y:11:DT:H6	6	2.02
(1,10)	1:A:20:THR:N	3:Y:11:DT:H71	6	2.02
(1,10)	1:A:20:THR:N	3:Y:11:DT:H72	6	2.02
(1,10)	1:A:20:THR:N	3:Y:11:DT:H73	6	2.02
(1,10)	1:A:20:THR:N	3:Y:11:DT:N1	6	2.02
(1,10)	1:A:20:THR:N	3:Y:11:DT:N3	6	2.02
(1,10)	1:A:20:THR:N	3:Y:11:DT:O2	6	2.02
(1,10)	1:A:20:THR:N	3:Y:11:DT:O3'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:11:DT:O4	6	2.02
(1,10)	1:A:20:THR:N	3:Y:11:DT:O4'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:11:DT:O5'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:11:DT:OP1	6	2.02
(1,10)	1:A:20:THR:N	3:Y:11:DT:OP2	6	2.02
(1,10)	1:A:20:THR:N	3:Y:11:DT:P	6	2.02
(1,10)	1:A:20:THR:N	3:Y:12:DC:C1'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:12:DC:C2	6	2.02
(1,10)	1:A:20:THR:N	3:Y:12:DC:C2'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:12:DC:C3'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:12:DC:C4	6	2.02
(1,10)	1:A:20:THR:N	3:Y:12:DC:C4'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:12:DC:C5	6	2.02
(1,10)	1:A:20:THR:N	3:Y:12:DC:C5'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:12:DC:C6	6	2.02
(1,10)	1:A:20:THR:N	3:Y:12:DC:H1'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:12:DC:H2'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:12:DC:H2''	6	2.02
(1,10)	1:A:20:THR:N	3:Y:12:DC:H3'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:12:DC:H4'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:12:DC:H41	6	2.02
(1,10)	1:A:20:THR:N	3:Y:12:DC:H42	6	2.02
(1,10)	1:A:20:THR:N	3:Y:12:DC:H5	6	2.02
(1,10)	1:A:20:THR:N	3:Y:12:DC:H5'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:12:DC:H5''	6	2.02
(1,10)	1:A:20:THR:N	3:Y:12:DC:H6	6	2.02
(1,10)	1:A:20:THR:N	3:Y:12:DC:N1	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:N	3:Y:12:DC:N3	6	2.02
(1,10)	1:A:20:THR:N	3:Y:12:DC:N4	6	2.02
(1,10)	1:A:20:THR:N	3:Y:12:DC:O2	6	2.02
(1,10)	1:A:20:THR:N	3:Y:12:DC:O3'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:12:DC:O4'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:12:DC:O5'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:12:DC:OP1	6	2.02
(1,10)	1:A:20:THR:N	3:Y:12:DC:OP2	6	2.02
(1,10)	1:A:20:THR:N	3:Y:12:DC:P	6	2.02
(1,10)	1:A:20:THR:N	3:Y:13:DA:C1'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:13:DA:C2	6	2.02
(1,10)	1:A:20:THR:N	3:Y:13:DA:C2'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:13:DA:C3'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:13:DA:C4	6	2.02
(1,10)	1:A:20:THR:N	3:Y:13:DA:C4'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:13:DA:C5	6	2.02
(1,10)	1:A:20:THR:N	3:Y:13:DA:C5'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:13:DA:C6	6	2.02
(1,10)	1:A:20:THR:N	3:Y:13:DA:C8	6	2.02
(1,10)	1:A:20:THR:N	3:Y:13:DA:H1'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:13:DA:H2	6	2.02
(1,10)	1:A:20:THR:N	3:Y:13:DA:H2'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:13:DA:H2''	6	2.02
(1,10)	1:A:20:THR:N	3:Y:13:DA:H3'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:13:DA:H4'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:13:DA:H5'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:13:DA:H5''	6	2.02
(1,10)	1:A:20:THR:N	3:Y:13:DA:H61	6	2.02
(1,10)	1:A:20:THR:N	3:Y:13:DA:H62	6	2.02
(1,10)	1:A:20:THR:N	3:Y:13:DA:H8	6	2.02
(1,10)	1:A:20:THR:N	3:Y:13:DA:N1	6	2.02
(1,10)	1:A:20:THR:N	3:Y:13:DA:N3	6	2.02
(1,10)	1:A:20:THR:N	3:Y:13:DA:N6	6	2.02
(1,10)	1:A:20:THR:N	3:Y:13:DA:N7	6	2.02
(1,10)	1:A:20:THR:N	3:Y:13:DA:N9	6	2.02
(1,10)	1:A:20:THR:N	3:Y:13:DA:O3'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:13:DA:O4'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:13:DA:O5'	6	2.02
(1,10)	1:A:20:THR:N	3:Y:13:DA:OP1	6	2.02
(1,10)	1:A:20:THR:N	3:Y:13:DA:OP2	6	2.02
(1,10)	1:A:20:THR:N	3:Y:13:DA:P	6	2.02
(1,10)	1:A:20:THR:O	2:X:3:DT:C1'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:O	2:X:3:DT:C2	6	2.02
(1,10)	1:A:20:THR:O	2:X:3:DT:C2'	6	2.02
(1,10)	1:A:20:THR:O	2:X:3:DT:C3'	6	2.02
(1,10)	1:A:20:THR:O	2:X:3:DT:C4	6	2.02
(1,10)	1:A:20:THR:O	2:X:3:DT:C4'	6	2.02
(1,10)	1:A:20:THR:O	2:X:3:DT:C5	6	2.02
(1,10)	1:A:20:THR:O	2:X:3:DT:C5'	6	2.02
(1,10)	1:A:20:THR:O	2:X:3:DT:C6	6	2.02
(1,10)	1:A:20:THR:O	2:X:3:DT:C7	6	2.02
(1,10)	1:A:20:THR:O	2:X:3:DT:H1'	6	2.02
(1,10)	1:A:20:THR:O	2:X:3:DT:H2'	6	2.02
(1,10)	1:A:20:THR:O	2:X:3:DT:H2''	6	2.02
(1,10)	1:A:20:THR:O	2:X:3:DT:H3	6	2.02
(1,10)	1:A:20:THR:O	2:X:3:DT:H3'	6	2.02
(1,10)	1:A:20:THR:O	2:X:3:DT:H4'	6	2.02
(1,10)	1:A:20:THR:O	2:X:3:DT:H5'	6	2.02
(1,10)	1:A:20:THR:O	2:X:3:DT:H5''	6	2.02
(1,10)	1:A:20:THR:O	2:X:3:DT:H6	6	2.02
(1,10)	1:A:20:THR:O	2:X:3:DT:H71	6	2.02
(1,10)	1:A:20:THR:O	2:X:3:DT:H72	6	2.02
(1,10)	1:A:20:THR:O	2:X:3:DT:H73	6	2.02
(1,10)	1:A:20:THR:O	2:X:3:DT:N1	6	2.02
(1,10)	1:A:20:THR:O	2:X:3:DT:N3	6	2.02
(1,10)	1:A:20:THR:O	2:X:3:DT:O2	6	2.02
(1,10)	1:A:20:THR:O	2:X:3:DT:O3'	6	2.02
(1,10)	1:A:20:THR:O	2:X:3:DT:O4	6	2.02
(1,10)	1:A:20:THR:O	2:X:3:DT:O4'	6	2.02
(1,10)	1:A:20:THR:O	2:X:3:DT:O5'	6	2.02
(1,10)	1:A:20:THR:O	2:X:3:DT:OP1	6	2.02
(1,10)	1:A:20:THR:O	2:X:3:DT:OP2	6	2.02
(1,10)	1:A:20:THR:O	2:X:3:DT:P	6	2.02
(1,10)	1:A:20:THR:O	2:X:4:DG:C1'	6	2.02
(1,10)	1:A:20:THR:O	2:X:4:DG:C2	6	2.02
(1,10)	1:A:20:THR:O	2:X:4:DG:C2'	6	2.02
(1,10)	1:A:20:THR:O	2:X:4:DG:C3'	6	2.02
(1,10)	1:A:20:THR:O	2:X:4:DG:C4	6	2.02
(1,10)	1:A:20:THR:O	2:X:4:DG:C4'	6	2.02
(1,10)	1:A:20:THR:O	2:X:4:DG:C5	6	2.02
(1,10)	1:A:20:THR:O	2:X:4:DG:C5'	6	2.02
(1,10)	1:A:20:THR:O	2:X:4:DG:C6	6	2.02
(1,10)	1:A:20:THR:O	2:X:4:DG:C8	6	2.02
(1,10)	1:A:20:THR:O	2:X:4:DG:H1	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:O	2:X:4:DG:H1'	6	2.02
(1,10)	1:A:20:THR:O	2:X:4:DG:H2'	6	2.02
(1,10)	1:A:20:THR:O	2:X:4:DG:H2''	6	2.02
(1,10)	1:A:20:THR:O	2:X:4:DG:H21	6	2.02
(1,10)	1:A:20:THR:O	2:X:4:DG:H22	6	2.02
(1,10)	1:A:20:THR:O	2:X:4:DG:H3'	6	2.02
(1,10)	1:A:20:THR:O	2:X:4:DG:H4'	6	2.02
(1,10)	1:A:20:THR:O	2:X:4:DG:H5'	6	2.02
(1,10)	1:A:20:THR:O	2:X:4:DG:H5''	6	2.02
(1,10)	1:A:20:THR:O	2:X:4:DG:H8	6	2.02
(1,10)	1:A:20:THR:O	2:X:4:DG:N1	6	2.02
(1,10)	1:A:20:THR:O	2:X:4:DG:N2	6	2.02
(1,10)	1:A:20:THR:O	2:X:4:DG:N3	6	2.02
(1,10)	1:A:20:THR:O	2:X:4:DG:N7	6	2.02
(1,10)	1:A:20:THR:O	2:X:4:DG:N9	6	2.02
(1,10)	1:A:20:THR:O	2:X:4:DG:O3'	6	2.02
(1,10)	1:A:20:THR:O	2:X:4:DG:O4'	6	2.02
(1,10)	1:A:20:THR:O	2:X:4:DG:O5'	6	2.02
(1,10)	1:A:20:THR:O	2:X:4:DG:O6	6	2.02
(1,10)	1:A:20:THR:O	2:X:4:DG:OP1	6	2.02
(1,10)	1:A:20:THR:O	2:X:4:DG:OP2	6	2.02
(1,10)	1:A:20:THR:O	2:X:4:DG:P	6	2.02
(1,10)	1:A:20:THR:O	2:X:5:DA:C1'	6	2.02
(1,10)	1:A:20:THR:O	2:X:5:DA:C2	6	2.02
(1,10)	1:A:20:THR:O	2:X:5:DA:C2'	6	2.02
(1,10)	1:A:20:THR:O	2:X:5:DA:C3'	6	2.02
(1,10)	1:A:20:THR:O	2:X:5:DA:C4	6	2.02
(1,10)	1:A:20:THR:O	2:X:5:DA:C4'	6	2.02
(1,10)	1:A:20:THR:O	2:X:5:DA:C5	6	2.02
(1,10)	1:A:20:THR:O	2:X:5:DA:C5'	6	2.02
(1,10)	1:A:20:THR:O	2:X:5:DA:C6	6	2.02
(1,10)	1:A:20:THR:O	2:X:5:DA:C8	6	2.02
(1,10)	1:A:20:THR:O	2:X:5:DA:H1'	6	2.02
(1,10)	1:A:20:THR:O	2:X:5:DA:H2	6	2.02
(1,10)	1:A:20:THR:O	2:X:5:DA:H2'	6	2.02
(1,10)	1:A:20:THR:O	2:X:5:DA:H2''	6	2.02
(1,10)	1:A:20:THR:O	2:X:5:DA:H3'	6	2.02
(1,10)	1:A:20:THR:O	2:X:5:DA:H4'	6	2.02
(1,10)	1:A:20:THR:O	2:X:5:DA:H5'	6	2.02
(1,10)	1:A:20:THR:O	2:X:5:DA:H5''	6	2.02
(1,10)	1:A:20:THR:O	2:X:5:DA:H61	6	2.02
(1,10)	1:A:20:THR:O	2:X:5:DA:H62	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:O	2:X:5:DA:H8	6	2.02
(1,10)	1:A:20:THR:O	2:X:5:DA:N1	6	2.02
(1,10)	1:A:20:THR:O	2:X:5:DA:N3	6	2.02
(1,10)	1:A:20:THR:O	2:X:5:DA:N6	6	2.02
(1,10)	1:A:20:THR:O	2:X:5:DA:N7	6	2.02
(1,10)	1:A:20:THR:O	2:X:5:DA:N9	6	2.02
(1,10)	1:A:20:THR:O	2:X:5:DA:O3'	6	2.02
(1,10)	1:A:20:THR:O	2:X:5:DA:O4'	6	2.02
(1,10)	1:A:20:THR:O	2:X:5:DA:O5'	6	2.02
(1,10)	1:A:20:THR:O	2:X:5:DA:OP1	6	2.02
(1,10)	1:A:20:THR:O	2:X:5:DA:OP2	6	2.02
(1,10)	1:A:20:THR:O	2:X:5:DA:P	6	2.02
(1,10)	1:A:20:THR:O	2:X:6:DT:C1'	6	2.02
(1,10)	1:A:20:THR:O	2:X:6:DT:C2	6	2.02
(1,10)	1:A:20:THR:O	2:X:6:DT:C2'	6	2.02
(1,10)	1:A:20:THR:O	2:X:6:DT:C3'	6	2.02
(1,10)	1:A:20:THR:O	2:X:6:DT:C4	6	2.02
(1,10)	1:A:20:THR:O	2:X:6:DT:C4'	6	2.02
(1,10)	1:A:20:THR:O	2:X:6:DT:C5	6	2.02
(1,10)	1:A:20:THR:O	2:X:6:DT:C5'	6	2.02
(1,10)	1:A:20:THR:O	2:X:6:DT:C6	6	2.02
(1,10)	1:A:20:THR:O	2:X:6:DT:C7	6	2.02
(1,10)	1:A:20:THR:O	2:X:6:DT:H1'	6	2.02
(1,10)	1:A:20:THR:O	2:X:6:DT:H2'	6	2.02
(1,10)	1:A:20:THR:O	2:X:6:DT:H2''	6	2.02
(1,10)	1:A:20:THR:O	2:X:6:DT:H3	6	2.02
(1,10)	1:A:20:THR:O	2:X:6:DT:H3'	6	2.02
(1,10)	1:A:20:THR:O	2:X:6:DT:H4'	6	2.02
(1,10)	1:A:20:THR:O	2:X:6:DT:H5'	6	2.02
(1,10)	1:A:20:THR:O	2:X:6:DT:H5''	6	2.02
(1,10)	1:A:20:THR:O	2:X:6:DT:H6	6	2.02
(1,10)	1:A:20:THR:O	2:X:6:DT:H71	6	2.02
(1,10)	1:A:20:THR:O	2:X:6:DT:H72	6	2.02
(1,10)	1:A:20:THR:O	2:X:6:DT:H73	6	2.02
(1,10)	1:A:20:THR:O	2:X:6:DT:N1	6	2.02
(1,10)	1:A:20:THR:O	2:X:6:DT:N3	6	2.02
(1,10)	1:A:20:THR:O	2:X:6:DT:O2	6	2.02
(1,10)	1:A:20:THR:O	2:X:6:DT:O3'	6	2.02
(1,10)	1:A:20:THR:O	2:X:6:DT:O4	6	2.02
(1,10)	1:A:20:THR:O	2:X:6:DT:O4'	6	2.02
(1,10)	1:A:20:THR:O	2:X:6:DT:O5'	6	2.02
(1,10)	1:A:20:THR:O	2:X:6:DT:OP1	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:O	2:X:6:DT:OP2	6	2.02
(1,10)	1:A:20:THR:O	2:X:6:DT:P	6	2.02
(1,10)	1:A:20:THR:O	2:X:7:DA:C1'	6	2.02
(1,10)	1:A:20:THR:O	2:X:7:DA:C2	6	2.02
(1,10)	1:A:20:THR:O	2:X:7:DA:C2'	6	2.02
(1,10)	1:A:20:THR:O	2:X:7:DA:C3'	6	2.02
(1,10)	1:A:20:THR:O	2:X:7:DA:C4	6	2.02
(1,10)	1:A:20:THR:O	2:X:7:DA:C4'	6	2.02
(1,10)	1:A:20:THR:O	2:X:7:DA:C5	6	2.02
(1,10)	1:A:20:THR:O	2:X:7:DA:C5'	6	2.02
(1,10)	1:A:20:THR:O	2:X:7:DA:C6	6	2.02
(1,10)	1:A:20:THR:O	2:X:7:DA:C8	6	2.02
(1,10)	1:A:20:THR:O	2:X:7:DA:H1'	6	2.02
(1,10)	1:A:20:THR:O	2:X:7:DA:H2	6	2.02
(1,10)	1:A:20:THR:O	2:X:7:DA:H2'	6	2.02
(1,10)	1:A:20:THR:O	2:X:7:DA:H2''	6	2.02
(1,10)	1:A:20:THR:O	2:X:7:DA:H3'	6	2.02
(1,10)	1:A:20:THR:O	2:X:7:DA:H4'	6	2.02
(1,10)	1:A:20:THR:O	2:X:7:DA:H5'	6	2.02
(1,10)	1:A:20:THR:O	2:X:7:DA:H5''	6	2.02
(1,10)	1:A:20:THR:O	2:X:7:DA:H61	6	2.02
(1,10)	1:A:20:THR:O	2:X:7:DA:H62	6	2.02
(1,10)	1:A:20:THR:O	2:X:7:DA:H8	6	2.02
(1,10)	1:A:20:THR:O	2:X:7:DA:N1	6	2.02
(1,10)	1:A:20:THR:O	2:X:7:DA:N3	6	2.02
(1,10)	1:A:20:THR:O	2:X:7:DA:N6	6	2.02
(1,10)	1:A:20:THR:O	2:X:7:DA:N7	6	2.02
(1,10)	1:A:20:THR:O	2:X:7:DA:N9	6	2.02
(1,10)	1:A:20:THR:O	2:X:7:DA:O3'	6	2.02
(1,10)	1:A:20:THR:O	2:X:7:DA:O4'	6	2.02
(1,10)	1:A:20:THR:O	2:X:7:DA:O5'	6	2.02
(1,10)	1:A:20:THR:O	2:X:7:DA:OP1	6	2.02
(1,10)	1:A:20:THR:O	2:X:7:DA:OP2	6	2.02
(1,10)	1:A:20:THR:O	2:X:7:DA:P	6	2.02
(1,10)	1:A:20:THR:O	2:X:8:DT:C1'	6	2.02
(1,10)	1:A:20:THR:O	2:X:8:DT:C2	6	2.02
(1,10)	1:A:20:THR:O	2:X:8:DT:C2'	6	2.02
(1,10)	1:A:20:THR:O	2:X:8:DT:C3'	6	2.02
(1,10)	1:A:20:THR:O	2:X:8:DT:C4	6	2.02
(1,10)	1:A:20:THR:O	2:X:8:DT:C4'	6	2.02
(1,10)	1:A:20:THR:O	2:X:8:DT:C5	6	2.02
(1,10)	1:A:20:THR:O	2:X:8:DT:C5'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:O	2:X:8:DT:C6	6	2.02
(1,10)	1:A:20:THR:O	2:X:8:DT:C7	6	2.02
(1,10)	1:A:20:THR:O	2:X:8:DT:H1'	6	2.02
(1,10)	1:A:20:THR:O	2:X:8:DT:H2'	6	2.02
(1,10)	1:A:20:THR:O	2:X:8:DT:H2''	6	2.02
(1,10)	1:A:20:THR:O	2:X:8:DT:H3	6	2.02
(1,10)	1:A:20:THR:O	2:X:8:DT:H3'	6	2.02
(1,10)	1:A:20:THR:O	2:X:8:DT:H4'	6	2.02
(1,10)	1:A:20:THR:O	2:X:8:DT:H5'	6	2.02
(1,10)	1:A:20:THR:O	2:X:8:DT:H5''	6	2.02
(1,10)	1:A:20:THR:O	2:X:8:DT:H6	6	2.02
(1,10)	1:A:20:THR:O	2:X:8:DT:H71	6	2.02
(1,10)	1:A:20:THR:O	2:X:8:DT:H72	6	2.02
(1,10)	1:A:20:THR:O	2:X:8:DT:H73	6	2.02
(1,10)	1:A:20:THR:O	2:X:8:DT:N1	6	2.02
(1,10)	1:A:20:THR:O	2:X:8:DT:N3	6	2.02
(1,10)	1:A:20:THR:O	2:X:8:DT:O2	6	2.02
(1,10)	1:A:20:THR:O	2:X:8:DT:O3'	6	2.02
(1,10)	1:A:20:THR:O	2:X:8:DT:O4	6	2.02
(1,10)	1:A:20:THR:O	2:X:8:DT:O4'	6	2.02
(1,10)	1:A:20:THR:O	2:X:8:DT:O5'	6	2.02
(1,10)	1:A:20:THR:O	2:X:8:DT:OP1	6	2.02
(1,10)	1:A:20:THR:O	2:X:8:DT:OP2	6	2.02
(1,10)	1:A:20:THR:O	2:X:8:DT:P	6	2.02
(1,10)	1:A:20:THR:O	2:X:9:DA:C1'	6	2.02
(1,10)	1:A:20:THR:O	2:X:9:DA:C2	6	2.02
(1,10)	1:A:20:THR:O	2:X:9:DA:C2'	6	2.02
(1,10)	1:A:20:THR:O	2:X:9:DA:C3'	6	2.02
(1,10)	1:A:20:THR:O	2:X:9:DA:C4	6	2.02
(1,10)	1:A:20:THR:O	2:X:9:DA:C4'	6	2.02
(1,10)	1:A:20:THR:O	2:X:9:DA:C5	6	2.02
(1,10)	1:A:20:THR:O	2:X:9:DA:C5'	6	2.02
(1,10)	1:A:20:THR:O	2:X:9:DA:C6	6	2.02
(1,10)	1:A:20:THR:O	2:X:9:DA:C8	6	2.02
(1,10)	1:A:20:THR:O	2:X:9:DA:H1'	6	2.02
(1,10)	1:A:20:THR:O	2:X:9:DA:H2	6	2.02
(1,10)	1:A:20:THR:O	2:X:9:DA:H2'	6	2.02
(1,10)	1:A:20:THR:O	2:X:9:DA:H2''	6	2.02
(1,10)	1:A:20:THR:O	2:X:9:DA:H3'	6	2.02
(1,10)	1:A:20:THR:O	2:X:9:DA:H4'	6	2.02
(1,10)	1:A:20:THR:O	2:X:9:DA:H5'	6	2.02
(1,10)	1:A:20:THR:O	2:X:9:DA:H5''	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:O	2:X:9:DA:H61	6	2.02
(1,10)	1:A:20:THR:O	2:X:9:DA:H62	6	2.02
(1,10)	1:A:20:THR:O	2:X:9:DA:H8	6	2.02
(1,10)	1:A:20:THR:O	2:X:9:DA:N1	6	2.02
(1,10)	1:A:20:THR:O	2:X:9:DA:N3	6	2.02
(1,10)	1:A:20:THR:O	2:X:9:DA:N6	6	2.02
(1,10)	1:A:20:THR:O	2:X:9:DA:N7	6	2.02
(1,10)	1:A:20:THR:O	2:X:9:DA:N9	6	2.02
(1,10)	1:A:20:THR:O	2:X:9:DA:O3'	6	2.02
(1,10)	1:A:20:THR:O	2:X:9:DA:O4'	6	2.02
(1,10)	1:A:20:THR:O	2:X:9:DA:O5'	6	2.02
(1,10)	1:A:20:THR:O	2:X:9:DA:OP1	6	2.02
(1,10)	1:A:20:THR:O	2:X:9:DA:OP2	6	2.02
(1,10)	1:A:20:THR:O	2:X:9:DA:P	6	2.02
(1,10)	1:A:20:THR:O	2:X:10:DT:C1'	6	2.02
(1,10)	1:A:20:THR:O	2:X:10:DT:C2	6	2.02
(1,10)	1:A:20:THR:O	2:X:10:DT:C2'	6	2.02
(1,10)	1:A:20:THR:O	2:X:10:DT:C3'	6	2.02
(1,10)	1:A:20:THR:O	2:X:10:DT:C4	6	2.02
(1,10)	1:A:20:THR:O	2:X:10:DT:C4'	6	2.02
(1,10)	1:A:20:THR:O	2:X:10:DT:C5	6	2.02
(1,10)	1:A:20:THR:O	2:X:10:DT:C5'	6	2.02
(1,10)	1:A:20:THR:O	2:X:10:DT:C6	6	2.02
(1,10)	1:A:20:THR:O	2:X:10:DT:C7	6	2.02
(1,10)	1:A:20:THR:O	2:X:10:DT:H1'	6	2.02
(1,10)	1:A:20:THR:O	2:X:10:DT:H2'	6	2.02
(1,10)	1:A:20:THR:O	2:X:10:DT:H2''	6	2.02
(1,10)	1:A:20:THR:O	2:X:10:DT:H3	6	2.02
(1,10)	1:A:20:THR:O	2:X:10:DT:H3'	6	2.02
(1,10)	1:A:20:THR:O	2:X:10:DT:H4'	6	2.02
(1,10)	1:A:20:THR:O	2:X:10:DT:H5'	6	2.02
(1,10)	1:A:20:THR:O	2:X:10:DT:H5''	6	2.02
(1,10)	1:A:20:THR:O	2:X:10:DT:H6	6	2.02
(1,10)	1:A:20:THR:O	2:X:10:DT:H71	6	2.02
(1,10)	1:A:20:THR:O	2:X:10:DT:H72	6	2.02
(1,10)	1:A:20:THR:O	2:X:10:DT:H73	6	2.02
(1,10)	1:A:20:THR:O	2:X:10:DT:N1	6	2.02
(1,10)	1:A:20:THR:O	2:X:10:DT:N3	6	2.02
(1,10)	1:A:20:THR:O	2:X:10:DT:O2	6	2.02
(1,10)	1:A:20:THR:O	2:X:10:DT:O3'	6	2.02
(1,10)	1:A:20:THR:O	2:X:10:DT:O4	6	2.02
(1,10)	1:A:20:THR:O	2:X:10:DT:O4'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:O	2:X:10:DT:O5'	6	2.02
(1,10)	1:A:20:THR:O	2:X:10:DT:OP1	6	2.02
(1,10)	1:A:20:THR:O	2:X:10:DT:OP2	6	2.02
(1,10)	1:A:20:THR:O	2:X:10:DT:P	6	2.02
(1,10)	1:A:20:THR:O	2:X:11:DA:C1'	6	2.02
(1,10)	1:A:20:THR:O	2:X:11:DA:C2	6	2.02
(1,10)	1:A:20:THR:O	2:X:11:DA:C2'	6	2.02
(1,10)	1:A:20:THR:O	2:X:11:DA:C3'	6	2.02
(1,10)	1:A:20:THR:O	2:X:11:DA:C4	6	2.02
(1,10)	1:A:20:THR:O	2:X:11:DA:C4'	6	2.02
(1,10)	1:A:20:THR:O	2:X:11:DA:C5	6	2.02
(1,10)	1:A:20:THR:O	2:X:11:DA:C5'	6	2.02
(1,10)	1:A:20:THR:O	2:X:11:DA:C6	6	2.02
(1,10)	1:A:20:THR:O	2:X:11:DA:C8	6	2.02
(1,10)	1:A:20:THR:O	2:X:11:DA:H1'	6	2.02
(1,10)	1:A:20:THR:O	2:X:11:DA:H2	6	2.02
(1,10)	1:A:20:THR:O	2:X:11:DA:H2'	6	2.02
(1,10)	1:A:20:THR:O	2:X:11:DA:H2''	6	2.02
(1,10)	1:A:20:THR:O	2:X:11:DA:H3'	6	2.02
(1,10)	1:A:20:THR:O	2:X:11:DA:H4'	6	2.02
(1,10)	1:A:20:THR:O	2:X:11:DA:H5'	6	2.02
(1,10)	1:A:20:THR:O	2:X:11:DA:H5''	6	2.02
(1,10)	1:A:20:THR:O	2:X:11:DA:H61	6	2.02
(1,10)	1:A:20:THR:O	2:X:11:DA:H62	6	2.02
(1,10)	1:A:20:THR:O	2:X:11:DA:H8	6	2.02
(1,10)	1:A:20:THR:O	2:X:11:DA:N1	6	2.02
(1,10)	1:A:20:THR:O	2:X:11:DA:N3	6	2.02
(1,10)	1:A:20:THR:O	2:X:11:DA:N6	6	2.02
(1,10)	1:A:20:THR:O	2:X:11:DA:N7	6	2.02
(1,10)	1:A:20:THR:O	2:X:11:DA:N9	6	2.02
(1,10)	1:A:20:THR:O	2:X:11:DA:O3'	6	2.02
(1,10)	1:A:20:THR:O	2:X:11:DA:O4'	6	2.02
(1,10)	1:A:20:THR:O	2:X:11:DA:O5'	6	2.02
(1,10)	1:A:20:THR:O	2:X:11:DA:OP1	6	2.02
(1,10)	1:A:20:THR:O	2:X:11:DA:OP2	6	2.02
(1,10)	1:A:20:THR:O	2:X:11:DA:P	6	2.02
(1,10)	1:A:20:THR:O	2:X:12:DG:C1'	6	2.02
(1,10)	1:A:20:THR:O	2:X:12:DG:C2	6	2.02
(1,10)	1:A:20:THR:O	2:X:12:DG:C2'	6	2.02
(1,10)	1:A:20:THR:O	2:X:12:DG:C3'	6	2.02
(1,10)	1:A:20:THR:O	2:X:12:DG:C4	6	2.02
(1,10)	1:A:20:THR:O	2:X:12:DG:C4'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:O	2:X:12:DG:C5	6	2.02
(1,10)	1:A:20:THR:O	2:X:12:DG:C5'	6	2.02
(1,10)	1:A:20:THR:O	2:X:12:DG:C6	6	2.02
(1,10)	1:A:20:THR:O	2:X:12:DG:C8	6	2.02
(1,10)	1:A:20:THR:O	2:X:12:DG:H1	6	2.02
(1,10)	1:A:20:THR:O	2:X:12:DG:H1'	6	2.02
(1,10)	1:A:20:THR:O	2:X:12:DG:H2'	6	2.02
(1,10)	1:A:20:THR:O	2:X:12:DG:H2''	6	2.02
(1,10)	1:A:20:THR:O	2:X:12:DG:H21	6	2.02
(1,10)	1:A:20:THR:O	2:X:12:DG:H22	6	2.02
(1,10)	1:A:20:THR:O	2:X:12:DG:H3'	6	2.02
(1,10)	1:A:20:THR:O	2:X:12:DG:H4'	6	2.02
(1,10)	1:A:20:THR:O	2:X:12:DG:H5'	6	2.02
(1,10)	1:A:20:THR:O	2:X:12:DG:H5''	6	2.02
(1,10)	1:A:20:THR:O	2:X:12:DG:H8	6	2.02
(1,10)	1:A:20:THR:O	2:X:12:DG:N1	6	2.02
(1,10)	1:A:20:THR:O	2:X:12:DG:N2	6	2.02
(1,10)	1:A:20:THR:O	2:X:12:DG:N3	6	2.02
(1,10)	1:A:20:THR:O	2:X:12:DG:N7	6	2.02
(1,10)	1:A:20:THR:O	2:X:12:DG:N9	6	2.02
(1,10)	1:A:20:THR:O	2:X:12:DG:O3'	6	2.02
(1,10)	1:A:20:THR:O	2:X:12:DG:O4'	6	2.02
(1,10)	1:A:20:THR:O	2:X:12:DG:O5'	6	2.02
(1,10)	1:A:20:THR:O	2:X:12:DG:O6	6	2.02
(1,10)	1:A:20:THR:O	2:X:12:DG:OP1	6	2.02
(1,10)	1:A:20:THR:O	2:X:12:DG:OP2	6	2.02
(1,10)	1:A:20:THR:O	2:X:12:DG:P	6	2.02
(1,10)	1:A:20:THR:O	2:X:13:DT:C1'	6	2.02
(1,10)	1:A:20:THR:O	2:X:13:DT:C2	6	2.02
(1,10)	1:A:20:THR:O	2:X:13:DT:C2'	6	2.02
(1,10)	1:A:20:THR:O	2:X:13:DT:C3'	6	2.02
(1,10)	1:A:20:THR:O	2:X:13:DT:C4	6	2.02
(1,10)	1:A:20:THR:O	2:X:13:DT:C4'	6	2.02
(1,10)	1:A:20:THR:O	2:X:13:DT:C5	6	2.02
(1,10)	1:A:20:THR:O	2:X:13:DT:C5'	6	2.02
(1,10)	1:A:20:THR:O	2:X:13:DT:C6	6	2.02
(1,10)	1:A:20:THR:O	2:X:13:DT:C7	6	2.02
(1,10)	1:A:20:THR:O	2:X:13:DT:H1'	6	2.02
(1,10)	1:A:20:THR:O	2:X:13:DT:H2'	6	2.02
(1,10)	1:A:20:THR:O	2:X:13:DT:H2''	6	2.02
(1,10)	1:A:20:THR:O	2:X:13:DT:H3	6	2.02
(1,10)	1:A:20:THR:O	2:X:13:DT:H3'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:O	2:X:13:DT:H4'	6	2.02
(1,10)	1:A:20:THR:O	2:X:13:DT:H5'	6	2.02
(1,10)	1:A:20:THR:O	2:X:13:DT:H5''	6	2.02
(1,10)	1:A:20:THR:O	2:X:13:DT:H6	6	2.02
(1,10)	1:A:20:THR:O	2:X:13:DT:H71	6	2.02
(1,10)	1:A:20:THR:O	2:X:13:DT:H72	6	2.02
(1,10)	1:A:20:THR:O	2:X:13:DT:H73	6	2.02
(1,10)	1:A:20:THR:O	2:X:13:DT:N1	6	2.02
(1,10)	1:A:20:THR:O	2:X:13:DT:N3	6	2.02
(1,10)	1:A:20:THR:O	2:X:13:DT:O2	6	2.02
(1,10)	1:A:20:THR:O	2:X:13:DT:O3'	6	2.02
(1,10)	1:A:20:THR:O	2:X:13:DT:O4	6	2.02
(1,10)	1:A:20:THR:O	2:X:13:DT:O4'	6	2.02
(1,10)	1:A:20:THR:O	2:X:13:DT:O5'	6	2.02
(1,10)	1:A:20:THR:O	2:X:13:DT:OP1	6	2.02
(1,10)	1:A:20:THR:O	2:X:13:DT:OP2	6	2.02
(1,10)	1:A:20:THR:O	2:X:13:DT:P	6	2.02
(1,10)	1:A:20:THR:O	3:Y:3:DA:C1'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:3:DA:C2	6	2.02
(1,10)	1:A:20:THR:O	3:Y:3:DA:C2'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:3:DA:C3'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:3:DA:C4	6	2.02
(1,10)	1:A:20:THR:O	3:Y:3:DA:C4'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:3:DA:C5	6	2.02
(1,10)	1:A:20:THR:O	3:Y:3:DA:C5'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:3:DA:C6	6	2.02
(1,10)	1:A:20:THR:O	3:Y:3:DA:C8	6	2.02
(1,10)	1:A:20:THR:O	3:Y:3:DA:H1'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:3:DA:H2	6	2.02
(1,10)	1:A:20:THR:O	3:Y:3:DA:H2'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:3:DA:H2''	6	2.02
(1,10)	1:A:20:THR:O	3:Y:3:DA:H3'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:3:DA:H4'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:3:DA:H5'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:3:DA:H5''	6	2.02
(1,10)	1:A:20:THR:O	3:Y:3:DA:H61	6	2.02
(1,10)	1:A:20:THR:O	3:Y:3:DA:H62	6	2.02
(1,10)	1:A:20:THR:O	3:Y:3:DA:H8	6	2.02
(1,10)	1:A:20:THR:O	3:Y:3:DA:N1	6	2.02
(1,10)	1:A:20:THR:O	3:Y:3:DA:N3	6	2.02
(1,10)	1:A:20:THR:O	3:Y:3:DA:N6	6	2.02
(1,10)	1:A:20:THR:O	3:Y:3:DA:N7	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:O	3:Y:3:DA:N9	6	2.02
(1,10)	1:A:20:THR:O	3:Y:3:DA:O3'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:3:DA:O4'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:3:DA:O5'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:3:DA:OP1	6	2.02
(1,10)	1:A:20:THR:O	3:Y:3:DA:OP2	6	2.02
(1,10)	1:A:20:THR:O	3:Y:3:DA:P	6	2.02
(1,10)	1:A:20:THR:O	3:Y:4:DC:C1'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:4:DC:C2	6	2.02
(1,10)	1:A:20:THR:O	3:Y:4:DC:C2'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:4:DC:C3'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:4:DC:C4	6	2.02
(1,10)	1:A:20:THR:O	3:Y:4:DC:C4'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:4:DC:C5	6	2.02
(1,10)	1:A:20:THR:O	3:Y:4:DC:C5'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:4:DC:C6	6	2.02
(1,10)	1:A:20:THR:O	3:Y:4:DC:H1'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:4:DC:H2'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:4:DC:H2''	6	2.02
(1,10)	1:A:20:THR:O	3:Y:4:DC:H3'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:4:DC:H4'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:4:DC:H41	6	2.02
(1,10)	1:A:20:THR:O	3:Y:4:DC:H42	6	2.02
(1,10)	1:A:20:THR:O	3:Y:4:DC:H5	6	2.02
(1,10)	1:A:20:THR:O	3:Y:4:DC:H5'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:4:DC:H5''	6	2.02
(1,10)	1:A:20:THR:O	3:Y:4:DC:H6	6	2.02
(1,10)	1:A:20:THR:O	3:Y:4:DC:N1	6	2.02
(1,10)	1:A:20:THR:O	3:Y:4:DC:N3	6	2.02
(1,10)	1:A:20:THR:O	3:Y:4:DC:N4	6	2.02
(1,10)	1:A:20:THR:O	3:Y:4:DC:O2	6	2.02
(1,10)	1:A:20:THR:O	3:Y:4:DC:O3'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:4:DC:O4'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:4:DC:O5'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:4:DC:OP1	6	2.02
(1,10)	1:A:20:THR:O	3:Y:4:DC:OP2	6	2.02
(1,10)	1:A:20:THR:O	3:Y:4:DC:P	6	2.02
(1,10)	1:A:20:THR:O	3:Y:5:DT:C1'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:5:DT:C2	6	2.02
(1,10)	1:A:20:THR:O	3:Y:5:DT:C2'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:5:DT:C3'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:5:DT:C4	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:O	3:Y:5:DT:C4'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:5:DT:C5	6	2.02
(1,10)	1:A:20:THR:O	3:Y:5:DT:C5'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:5:DT:C6	6	2.02
(1,10)	1:A:20:THR:O	3:Y:5:DT:C7	6	2.02
(1,10)	1:A:20:THR:O	3:Y:5:DT:H1'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:5:DT:H2'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:5:DT:H2''	6	2.02
(1,10)	1:A:20:THR:O	3:Y:5:DT:H3	6	2.02
(1,10)	1:A:20:THR:O	3:Y:5:DT:H3'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:5:DT:H4'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:5:DT:H5'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:5:DT:H5''	6	2.02
(1,10)	1:A:20:THR:O	3:Y:5:DT:H6	6	2.02
(1,10)	1:A:20:THR:O	3:Y:5:DT:H71	6	2.02
(1,10)	1:A:20:THR:O	3:Y:5:DT:H72	6	2.02
(1,10)	1:A:20:THR:O	3:Y:5:DT:H73	6	2.02
(1,10)	1:A:20:THR:O	3:Y:5:DT:N1	6	2.02
(1,10)	1:A:20:THR:O	3:Y:5:DT:N3	6	2.02
(1,10)	1:A:20:THR:O	3:Y:5:DT:O2	6	2.02
(1,10)	1:A:20:THR:O	3:Y:5:DT:O3'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:5:DT:O4	6	2.02
(1,10)	1:A:20:THR:O	3:Y:5:DT:O4'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:5:DT:O5'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:5:DT:OP1	6	2.02
(1,10)	1:A:20:THR:O	3:Y:5:DT:OP2	6	2.02
(1,10)	1:A:20:THR:O	3:Y:5:DT:P	6	2.02
(1,10)	1:A:20:THR:O	3:Y:6:DA:C1'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:6:DA:C2	6	2.02
(1,10)	1:A:20:THR:O	3:Y:6:DA:C2'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:6:DA:C3'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:6:DA:C4	6	2.02
(1,10)	1:A:20:THR:O	3:Y:6:DA:C4'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:6:DA:C5	6	2.02
(1,10)	1:A:20:THR:O	3:Y:6:DA:C5'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:6:DA:C6	6	2.02
(1,10)	1:A:20:THR:O	3:Y:6:DA:C8	6	2.02
(1,10)	1:A:20:THR:O	3:Y:6:DA:H1'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:6:DA:H2	6	2.02
(1,10)	1:A:20:THR:O	3:Y:6:DA:H2'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:6:DA:H2''	6	2.02
(1,10)	1:A:20:THR:O	3:Y:6:DA:H3'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:O	3:Y:6:DA:H4'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:6:DA:H5'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:6:DA:H5''	6	2.02
(1,10)	1:A:20:THR:O	3:Y:6:DA:H61	6	2.02
(1,10)	1:A:20:THR:O	3:Y:6:DA:H62	6	2.02
(1,10)	1:A:20:THR:O	3:Y:6:DA:H8	6	2.02
(1,10)	1:A:20:THR:O	3:Y:6:DA:N1	6	2.02
(1,10)	1:A:20:THR:O	3:Y:6:DA:N3	6	2.02
(1,10)	1:A:20:THR:O	3:Y:6:DA:N6	6	2.02
(1,10)	1:A:20:THR:O	3:Y:6:DA:N7	6	2.02
(1,10)	1:A:20:THR:O	3:Y:6:DA:N9	6	2.02
(1,10)	1:A:20:THR:O	3:Y:6:DA:O3'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:6:DA:O4'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:6:DA:O5'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:6:DA:OP1	6	2.02
(1,10)	1:A:20:THR:O	3:Y:6:DA:OP2	6	2.02
(1,10)	1:A:20:THR:O	3:Y:6:DA:P	6	2.02
(1,10)	1:A:20:THR:O	3:Y:7:DT:C1'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:7:DT:C2	6	2.02
(1,10)	1:A:20:THR:O	3:Y:7:DT:C2'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:7:DT:C3'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:7:DT:C4	6	2.02
(1,10)	1:A:20:THR:O	3:Y:7:DT:C4'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:7:DT:C5	6	2.02
(1,10)	1:A:20:THR:O	3:Y:7:DT:C5'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:7:DT:C6	6	2.02
(1,10)	1:A:20:THR:O	3:Y:7:DT:C7	6	2.02
(1,10)	1:A:20:THR:O	3:Y:7:DT:H1'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:7:DT:H2'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:7:DT:H2''	6	2.02
(1,10)	1:A:20:THR:O	3:Y:7:DT:H3	6	2.02
(1,10)	1:A:20:THR:O	3:Y:7:DT:H3'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:7:DT:H4'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:7:DT:H5'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:7:DT:H5''	6	2.02
(1,10)	1:A:20:THR:O	3:Y:7:DT:H6	6	2.02
(1,10)	1:A:20:THR:O	3:Y:7:DT:H71	6	2.02
(1,10)	1:A:20:THR:O	3:Y:7:DT:H72	6	2.02
(1,10)	1:A:20:THR:O	3:Y:7:DT:H73	6	2.02
(1,10)	1:A:20:THR:O	3:Y:7:DT:N1	6	2.02
(1,10)	1:A:20:THR:O	3:Y:7:DT:N3	6	2.02
(1,10)	1:A:20:THR:O	3:Y:7:DT:O2	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:O	3:Y:7:DT:O3'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:7:DT:O4	6	2.02
(1,10)	1:A:20:THR:O	3:Y:7:DT:O4'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:7:DT:O5'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:7:DT:OP1	6	2.02
(1,10)	1:A:20:THR:O	3:Y:7:DT:OP2	6	2.02
(1,10)	1:A:20:THR:O	3:Y:7:DT:P	6	2.02
(1,10)	1:A:20:THR:O	3:Y:8:DA:C1'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:8:DA:C2	6	2.02
(1,10)	1:A:20:THR:O	3:Y:8:DA:C2'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:8:DA:C3'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:8:DA:C4	6	2.02
(1,10)	1:A:20:THR:O	3:Y:8:DA:C4'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:8:DA:C5	6	2.02
(1,10)	1:A:20:THR:O	3:Y:8:DA:C5'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:8:DA:C6	6	2.02
(1,10)	1:A:20:THR:O	3:Y:8:DA:C8	6	2.02
(1,10)	1:A:20:THR:O	3:Y:8:DA:H1'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:8:DA:H2	6	2.02
(1,10)	1:A:20:THR:O	3:Y:8:DA:H2'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:8:DA:H2''	6	2.02
(1,10)	1:A:20:THR:O	3:Y:8:DA:H3'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:8:DA:H4'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:8:DA:H5'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:8:DA:H5''	6	2.02
(1,10)	1:A:20:THR:O	3:Y:8:DA:H61	6	2.02
(1,10)	1:A:20:THR:O	3:Y:8:DA:H62	6	2.02
(1,10)	1:A:20:THR:O	3:Y:8:DA:H8	6	2.02
(1,10)	1:A:20:THR:O	3:Y:8:DA:N1	6	2.02
(1,10)	1:A:20:THR:O	3:Y:8:DA:N3	6	2.02
(1,10)	1:A:20:THR:O	3:Y:8:DA:N6	6	2.02
(1,10)	1:A:20:THR:O	3:Y:8:DA:N7	6	2.02
(1,10)	1:A:20:THR:O	3:Y:8:DA:N9	6	2.02
(1,10)	1:A:20:THR:O	3:Y:8:DA:O3'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:8:DA:O4'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:8:DA:O5'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:8:DA:OP1	6	2.02
(1,10)	1:A:20:THR:O	3:Y:8:DA:OP2	6	2.02
(1,10)	1:A:20:THR:O	3:Y:8:DA:P	6	2.02
(1,10)	1:A:20:THR:O	3:Y:9:DT:C1'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:9:DT:C2	6	2.02
(1,10)	1:A:20:THR:O	3:Y:9:DT:C2'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:O	3:Y:9:DT:C3'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:9:DT:C4	6	2.02
(1,10)	1:A:20:THR:O	3:Y:9:DT:C4'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:9:DT:C5	6	2.02
(1,10)	1:A:20:THR:O	3:Y:9:DT:C5'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:9:DT:C6	6	2.02
(1,10)	1:A:20:THR:O	3:Y:9:DT:C7	6	2.02
(1,10)	1:A:20:THR:O	3:Y:9:DT:H1'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:9:DT:H2'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:9:DT:H2''	6	2.02
(1,10)	1:A:20:THR:O	3:Y:9:DT:H3	6	2.02
(1,10)	1:A:20:THR:O	3:Y:9:DT:H3'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:9:DT:H4'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:9:DT:H5'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:9:DT:H5''	6	2.02
(1,10)	1:A:20:THR:O	3:Y:9:DT:H6	6	2.02
(1,10)	1:A:20:THR:O	3:Y:9:DT:H71	6	2.02
(1,10)	1:A:20:THR:O	3:Y:9:DT:H72	6	2.02
(1,10)	1:A:20:THR:O	3:Y:9:DT:H73	6	2.02
(1,10)	1:A:20:THR:O	3:Y:9:DT:N1	6	2.02
(1,10)	1:A:20:THR:O	3:Y:9:DT:N3	6	2.02
(1,10)	1:A:20:THR:O	3:Y:9:DT:O2	6	2.02
(1,10)	1:A:20:THR:O	3:Y:9:DT:O3'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:9:DT:O4	6	2.02
(1,10)	1:A:20:THR:O	3:Y:9:DT:O4'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:9:DT:O5'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:9:DT:OP1	6	2.02
(1,10)	1:A:20:THR:O	3:Y:9:DT:OP2	6	2.02
(1,10)	1:A:20:THR:O	3:Y:9:DT:P	6	2.02
(1,10)	1:A:20:THR:O	3:Y:10:DA:C1'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:10:DA:C2	6	2.02
(1,10)	1:A:20:THR:O	3:Y:10:DA:C2'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:10:DA:C3'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:10:DA:C4	6	2.02
(1,10)	1:A:20:THR:O	3:Y:10:DA:C4'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:10:DA:C5	6	2.02
(1,10)	1:A:20:THR:O	3:Y:10:DA:C5'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:10:DA:C6	6	2.02
(1,10)	1:A:20:THR:O	3:Y:10:DA:C8	6	2.02
(1,10)	1:A:20:THR:O	3:Y:10:DA:H1'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:10:DA:H2	6	2.02
(1,10)	1:A:20:THR:O	3:Y:10:DA:H2'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:O	3:Y:10:DA:H2''	6	2.02
(1,10)	1:A:20:THR:O	3:Y:10:DA:H3'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:10:DA:H4'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:10:DA:H5'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:10:DA:H5''	6	2.02
(1,10)	1:A:20:THR:O	3:Y:10:DA:H61	6	2.02
(1,10)	1:A:20:THR:O	3:Y:10:DA:H62	6	2.02
(1,10)	1:A:20:THR:O	3:Y:10:DA:H8	6	2.02
(1,10)	1:A:20:THR:O	3:Y:10:DA:N1	6	2.02
(1,10)	1:A:20:THR:O	3:Y:10:DA:N3	6	2.02
(1,10)	1:A:20:THR:O	3:Y:10:DA:N6	6	2.02
(1,10)	1:A:20:THR:O	3:Y:10:DA:N7	6	2.02
(1,10)	1:A:20:THR:O	3:Y:10:DA:N9	6	2.02
(1,10)	1:A:20:THR:O	3:Y:10:DA:O3'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:10:DA:O4'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:10:DA:O5'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:10:DA:OP1	6	2.02
(1,10)	1:A:20:THR:O	3:Y:10:DA:OP2	6	2.02
(1,10)	1:A:20:THR:O	3:Y:10:DA:P	6	2.02
(1,10)	1:A:20:THR:O	3:Y:11:DT:C1'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:11:DT:C2	6	2.02
(1,10)	1:A:20:THR:O	3:Y:11:DT:C2'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:11:DT:C3'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:11:DT:C4	6	2.02
(1,10)	1:A:20:THR:O	3:Y:11:DT:C4'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:11:DT:C5	6	2.02
(1,10)	1:A:20:THR:O	3:Y:11:DT:C5'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:11:DT:C6	6	2.02
(1,10)	1:A:20:THR:O	3:Y:11:DT:C7	6	2.02
(1,10)	1:A:20:THR:O	3:Y:11:DT:H1'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:11:DT:H2'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:11:DT:H2''	6	2.02
(1,10)	1:A:20:THR:O	3:Y:11:DT:H3	6	2.02
(1,10)	1:A:20:THR:O	3:Y:11:DT:H3'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:11:DT:H4'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:11:DT:H5'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:11:DT:H5''	6	2.02
(1,10)	1:A:20:THR:O	3:Y:11:DT:H6	6	2.02
(1,10)	1:A:20:THR:O	3:Y:11:DT:H71	6	2.02
(1,10)	1:A:20:THR:O	3:Y:11:DT:H72	6	2.02
(1,10)	1:A:20:THR:O	3:Y:11:DT:H73	6	2.02
(1,10)	1:A:20:THR:O	3:Y:11:DT:N1	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:O	3:Y:11:DT:N3	6	2.02
(1,10)	1:A:20:THR:O	3:Y:11:DT:O2	6	2.02
(1,10)	1:A:20:THR:O	3:Y:11:DT:O3'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:11:DT:O4	6	2.02
(1,10)	1:A:20:THR:O	3:Y:11:DT:O4'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:11:DT:O5'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:11:DT:OP1	6	2.02
(1,10)	1:A:20:THR:O	3:Y:11:DT:OP2	6	2.02
(1,10)	1:A:20:THR:O	3:Y:11:DT:P	6	2.02
(1,10)	1:A:20:THR:O	3:Y:12:DC:C1'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:12:DC:C2	6	2.02
(1,10)	1:A:20:THR:O	3:Y:12:DC:C2'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:12:DC:C3'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:12:DC:C4	6	2.02
(1,10)	1:A:20:THR:O	3:Y:12:DC:C4'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:12:DC:C5	6	2.02
(1,10)	1:A:20:THR:O	3:Y:12:DC:C5'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:12:DC:C6	6	2.02
(1,10)	1:A:20:THR:O	3:Y:12:DC:H1'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:12:DC:H2'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:12:DC:H2''	6	2.02
(1,10)	1:A:20:THR:O	3:Y:12:DC:H3'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:12:DC:H4'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:12:DC:H41	6	2.02
(1,10)	1:A:20:THR:O	3:Y:12:DC:H42	6	2.02
(1,10)	1:A:20:THR:O	3:Y:12:DC:H5	6	2.02
(1,10)	1:A:20:THR:O	3:Y:12:DC:H5'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:12:DC:H5''	6	2.02
(1,10)	1:A:20:THR:O	3:Y:12:DC:H6	6	2.02
(1,10)	1:A:20:THR:O	3:Y:12:DC:N1	6	2.02
(1,10)	1:A:20:THR:O	3:Y:12:DC:N3	6	2.02
(1,10)	1:A:20:THR:O	3:Y:12:DC:N4	6	2.02
(1,10)	1:A:20:THR:O	3:Y:12:DC:O2	6	2.02
(1,10)	1:A:20:THR:O	3:Y:12:DC:O3'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:12:DC:O4'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:12:DC:O5'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:12:DC:OP1	6	2.02
(1,10)	1:A:20:THR:O	3:Y:12:DC:OP2	6	2.02
(1,10)	1:A:20:THR:O	3:Y:12:DC:P	6	2.02
(1,10)	1:A:20:THR:O	3:Y:13:DA:C1'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:13:DA:C2	6	2.02
(1,10)	1:A:20:THR:O	3:Y:13:DA:C2'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:O	3:Y:13:DA:C3'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:13:DA:C4	6	2.02
(1,10)	1:A:20:THR:O	3:Y:13:DA:C4'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:13:DA:C5	6	2.02
(1,10)	1:A:20:THR:O	3:Y:13:DA:C5'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:13:DA:C6	6	2.02
(1,10)	1:A:20:THR:O	3:Y:13:DA:C8	6	2.02
(1,10)	1:A:20:THR:O	3:Y:13:DA:H1'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:13:DA:H2	6	2.02
(1,10)	1:A:20:THR:O	3:Y:13:DA:H2'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:13:DA:H2''	6	2.02
(1,10)	1:A:20:THR:O	3:Y:13:DA:H3'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:13:DA:H4'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:13:DA:H5'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:13:DA:H5''	6	2.02
(1,10)	1:A:20:THR:O	3:Y:13:DA:H61	6	2.02
(1,10)	1:A:20:THR:O	3:Y:13:DA:H62	6	2.02
(1,10)	1:A:20:THR:O	3:Y:13:DA:H8	6	2.02
(1,10)	1:A:20:THR:O	3:Y:13:DA:N1	6	2.02
(1,10)	1:A:20:THR:O	3:Y:13:DA:N3	6	2.02
(1,10)	1:A:20:THR:O	3:Y:13:DA:N6	6	2.02
(1,10)	1:A:20:THR:O	3:Y:13:DA:N7	6	2.02
(1,10)	1:A:20:THR:O	3:Y:13:DA:N9	6	2.02
(1,10)	1:A:20:THR:O	3:Y:13:DA:O3'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:13:DA:O4'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:13:DA:O5'	6	2.02
(1,10)	1:A:20:THR:O	3:Y:13:DA:OP1	6	2.02
(1,10)	1:A:20:THR:O	3:Y:13:DA:OP2	6	2.02
(1,10)	1:A:20:THR:O	3:Y:13:DA:P	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:3:DT:C1'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:3:DT:C2	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:3:DT:C2'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:3:DT:C3'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:3:DT:C4	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:3:DT:C4'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:3:DT:C5	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:3:DT:C5'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:3:DT:C6	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:3:DT:C7	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:3:DT:H1'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:3:DT:H2'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:3:DT:H2''	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:OG1	2:X:3:DT:H3	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:3:DT:H3'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:3:DT:H4'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:3:DT:H5'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:3:DT:H5''	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:3:DT:H6	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:3:DT:H71	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:3:DT:H72	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:3:DT:H73	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:3:DT:N1	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:3:DT:N3	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:3:DT:O2	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:3:DT:O3'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:3:DT:O4	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:3:DT:O4'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:3:DT:O5'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:3:DT:OP1	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:3:DT:OP2	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:3:DT:P	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:4:DG:C1'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:4:DG:C2	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:4:DG:C2'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:4:DG:C3'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:4:DG:C4	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:4:DG:C4'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:4:DG:C5	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:4:DG:C5'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:4:DG:C6	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:4:DG:C8	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:4:DG:H1	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:4:DG:H1'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:4:DG:H2'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:4:DG:H2''	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:4:DG:H21	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:4:DG:H22	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:4:DG:H3'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:4:DG:H4'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:4:DG:H5'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:4:DG:H5''	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:4:DG:H8	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:4:DG:N1	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:4:DG:N2	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:OG1	2:X:4:DG:N3	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:4:DG:N7	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:4:DG:N9	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:4:DG:O3'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:4:DG:O4'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:4:DG:O5'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:4:DG:O6	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:4:DG:OP1	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:4:DG:OP2	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:4:DG:P	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:5:DA:C1'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:5:DA:C2	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:5:DA:C2'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:5:DA:C3'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:5:DA:C4	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:5:DA:C4'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:5:DA:C5	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:5:DA:C5'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:5:DA:C6	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:5:DA:C8	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:5:DA:H1'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:5:DA:H2	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:5:DA:H2'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:5:DA:H2''	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:5:DA:H3'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:5:DA:H4'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:5:DA:H5'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:5:DA:H5''	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:5:DA:H61	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:5:DA:H62	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:5:DA:H8	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:5:DA:N1	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:5:DA:N3	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:5:DA:N6	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:5:DA:N7	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:5:DA:N9	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:5:DA:O3'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:5:DA:O4'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:5:DA:O5'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:5:DA:OP1	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:5:DA:OP2	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:5:DA:P	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:OG1	2:X:6:DT:C1'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:6:DT:C2	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:6:DT:C2'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:6:DT:C3'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:6:DT:C4	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:6:DT:C4'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:6:DT:C5	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:6:DT:C5'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:6:DT:C6	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:6:DT:C7	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:6:DT:H1'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:6:DT:H2'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:6:DT:H2''	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:6:DT:H3	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:6:DT:H3'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:6:DT:H4'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:6:DT:H5'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:6:DT:H5''	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:6:DT:H6	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:6:DT:H71	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:6:DT:H72	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:6:DT:H73	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:6:DT:N1	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:6:DT:N3	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:6:DT:O2	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:6:DT:O3'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:6:DT:O4	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:6:DT:O4'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:6:DT:O5'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:6:DT:OP1	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:6:DT:OP2	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:6:DT:P	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:7:DA:C1'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:7:DA:C2	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:7:DA:C2'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:7:DA:C3'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:7:DA:C4	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:7:DA:C4'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:7:DA:C5	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:7:DA:C5'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:7:DA:C6	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:7:DA:C8	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:OG1	2:X:7:DA:H1'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:7:DA:H2	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:7:DA:H2'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:7:DA:H2''	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:7:DA:H3'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:7:DA:H4'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:7:DA:H5'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:7:DA:H5''	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:7:DA:H61	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:7:DA:H62	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:7:DA:H8	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:7:DA:N1	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:7:DA:N3	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:7:DA:N6	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:7:DA:N7	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:7:DA:N9	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:7:DA:O3'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:7:DA:O4'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:7:DA:O5'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:7:DA:OP1	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:7:DA:OP2	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:7:DA:P	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:8:DT:C1'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:8:DT:C2	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:8:DT:C2'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:8:DT:C3'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:8:DT:C4	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:8:DT:C4'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:8:DT:C5	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:8:DT:C5'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:8:DT:C6	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:8:DT:C7	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:8:DT:H1'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:8:DT:H2'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:8:DT:H2''	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:8:DT:H3	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:8:DT:H3'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:8:DT:H4'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:8:DT:H5'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:8:DT:H5''	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:8:DT:H6	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:8:DT:H71	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:OG1	2:X:8:DT:H72	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:8:DT:H73	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:8:DT:N1	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:8:DT:N3	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:8:DT:O2	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:8:DT:O3'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:8:DT:O4	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:8:DT:O4'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:8:DT:O5'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:8:DT:OP1	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:8:DT:OP2	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:8:DT:P	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:9:DA:C1'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:9:DA:C2	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:9:DA:C2'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:9:DA:C3'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:9:DA:C4	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:9:DA:C4'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:9:DA:C5	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:9:DA:C5'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:9:DA:C6	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:9:DA:C8	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:9:DA:H1'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:9:DA:H2	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:9:DA:H2'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:9:DA:H2''	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:9:DA:H3'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:9:DA:H4'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:9:DA:H5'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:9:DA:H5''	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:9:DA:H61	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:9:DA:H62	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:9:DA:H8	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:9:DA:N1	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:9:DA:N3	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:9:DA:N6	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:9:DA:N7	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:9:DA:N9	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:9:DA:O3'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:9:DA:O4'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:9:DA:O5'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:9:DA:OP1	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:OG1	2:X:9:DA:OP2	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:9:DA:P	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:10:DT:C1'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:10:DT:C2	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:10:DT:C2'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:10:DT:C3'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:10:DT:C4	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:10:DT:C4'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:10:DT:C5	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:10:DT:C5'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:10:DT:C6	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:10:DT:C7	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:10:DT:H1'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:10:DT:H2'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:10:DT:H2''	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:10:DT:H3	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:10:DT:H3'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:10:DT:H4'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:10:DT:H5'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:10:DT:H5''	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:10:DT:H6	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:10:DT:H71	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:10:DT:H72	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:10:DT:H73	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:10:DT:N1	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:10:DT:N3	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:10:DT:O2	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:10:DT:O3'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:10:DT:O4	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:10:DT:O4'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:10:DT:O5'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:10:DT:OP1	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:10:DT:OP2	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:10:DT:P	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:11:DA:C1'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:11:DA:C2	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:11:DA:C2'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:11:DA:C3'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:11:DA:C4	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:11:DA:C4'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:11:DA:C5	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:11:DA:C5'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:OG1	2:X:11:DA:C6	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:11:DA:C8	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:11:DA:H1'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:11:DA:H2	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:11:DA:H2'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:11:DA:H2''	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:11:DA:H3'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:11:DA:H4'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:11:DA:H5'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:11:DA:H5''	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:11:DA:H61	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:11:DA:H62	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:11:DA:H8	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:11:DA:N1	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:11:DA:N3	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:11:DA:N6	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:11:DA:N7	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:11:DA:N9	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:11:DA:O3'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:11:DA:O4'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:11:DA:O5'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:11:DA:OP1	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:11:DA:OP2	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:11:DA:P	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:12:DG:C1'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:12:DG:C2	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:12:DG:C2'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:12:DG:C3'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:12:DG:C4	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:12:DG:C4'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:12:DG:C5	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:12:DG:C5'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:12:DG:C6	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:12:DG:C8	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:12:DG:H1	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:12:DG:H1'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:12:DG:H2'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:12:DG:H2''	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:12:DG:H21	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:12:DG:H22	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:12:DG:H3'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:12:DG:H4'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:OG1	2:X:12:DG:H5'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:12:DG:H5''	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:12:DG:H8	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:12:DG:N1	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:12:DG:N2	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:12:DG:N3	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:12:DG:N7	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:12:DG:N9	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:12:DG:O3'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:12:DG:O4'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:12:DG:O5'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:12:DG:O6	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:12:DG:OP1	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:12:DG:OP2	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:12:DG:P	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:13:DT:C1'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:13:DT:C2	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:13:DT:C2'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:13:DT:C3'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:13:DT:C4	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:13:DT:C4'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:13:DT:C5	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:13:DT:C5'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:13:DT:C6	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:13:DT:C7	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:13:DT:H1'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:13:DT:H2'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:13:DT:H2''	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:13:DT:H3	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:13:DT:H3'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:13:DT:H4'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:13:DT:H5'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:13:DT:H5''	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:13:DT:H6	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:13:DT:H71	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:13:DT:H72	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:13:DT:H73	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:13:DT:N1	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:13:DT:N3	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:13:DT:O2	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:13:DT:O3'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:13:DT:O4	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:OG1	2:X:13:DT:O4'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:13:DT:O5'	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:13:DT:OP1	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:13:DT:OP2	6	2.02
(1,10)	1:A:20:THR:OG1	2:X:13:DT:P	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:C1'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:C2	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:C2'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:C3'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:C4	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:C4'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:C5	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:C5'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:C6	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:C8	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:H1'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:H2	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:H2'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:H2''	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:H3'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:H4'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:H5'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:H5''	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:H61	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:H62	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:H8	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:N1	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:N3	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:N6	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:N7	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:N9	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:O3'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:O4'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:O5'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:OP1	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:OP2	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:P	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:C1'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:C2	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:C2'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:C3'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:C4	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:C4'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:C5	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:C5'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:C6	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:H1'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:H2'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:H2''	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:H3'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:H4'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:H41	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:H42	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:H5	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:H5'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:H5''	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:H6	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:N1	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:N3	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:N4	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:O2	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:O3'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:O4'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:O5'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:OP1	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:OP2	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:P	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:C1'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:C2	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:C2'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:C3'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:C4	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:C4'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:C5	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:C5'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:C6	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:C7	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:H1'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:H2'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:H2''	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:H3	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:H3'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:H4'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:H5'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:H5''	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:H6	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:H71	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:H72	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:H73	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:N1	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:N3	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:O2	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:O3'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:O4	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:O4'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:O5'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:OP1	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:OP2	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:P	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:C1'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:C2	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:C2'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:C3'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:C4	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:C4'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:C5	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:C5'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:C6	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:C8	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:H1'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:H2	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:H2'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:H2''	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:H3'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:H4'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:H5'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:H5''	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:H61	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:H62	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:H8	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:N1	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:N3	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:N6	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:N7	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:N9	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:O3'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:O4'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:O5'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:OP1	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:OP2	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:P	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:C1'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:C2	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:C2'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:C3'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:C4	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:C4'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:C5	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:C5'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:C6	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:C7	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:H1'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:H2'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:H2''	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:H3	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:H3'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:H4'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:H5'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:H5''	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:H6	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:H71	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:H72	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:H73	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:N1	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:N3	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:O2	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:O3'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:O4	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:O4'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:O5'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:OP1	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:OP2	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:P	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:C1'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:C2	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:C2'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:C3'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:C4	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:C4'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:C5	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:C5'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:C6	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:C8	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:H1'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:H2	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:H2'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:H2''	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:H3'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:H4'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:H5'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:H5''	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:H61	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:H62	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:H8	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:N1	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:N3	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:N6	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:N7	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:N9	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:O3'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:O4'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:O5'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:OP1	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:OP2	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:P	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:C1'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:C2	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:C2'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:C3'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:C4	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:C4'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:C5	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:C5'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:C6	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:C7	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:H1'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:H2'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:H2''	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:H3	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:H3'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:H4'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:H5'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:H5''	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:H6	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:H71	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:H72	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:H73	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:N1	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:N3	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:O2	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:O3'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:O4	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:O4'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:O5'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:OP1	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:OP2	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:P	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:C1'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:C2	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:C2'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:C3'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:C4	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:C4'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:C5	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:C5'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:C6	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:C8	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:H1'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:H2	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:H2'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:H2''	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:H3'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:H4'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:H5'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:H5''	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:H61	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:H62	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:H8	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:N1	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:N3	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:N6	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:N7	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:N9	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:O3'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:O4'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:O5'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:OP1	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:OP2	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:P	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:C1'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:C2	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:C2'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:C3'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:C4	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:C4'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:C5	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:C5'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:C6	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:C7	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:H1'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:H2'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:H2''	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:H3	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:H3'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:H4'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:H5'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:H5''	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:H6	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:H71	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:H72	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:H73	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:N1	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:N3	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:O2	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:O3'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:O4	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:O4'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:O5'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:OP1	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:OP2	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:P	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:C1'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:C2	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:C2'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:C3'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:C4	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:C4'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:C5	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:C5'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:C6	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:H1'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:H2'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:H2''	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:H3'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:H4'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:H41	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:H42	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:H5	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:H5'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:H5''	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:H6	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:N1	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:N3	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:N4	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:O2	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:O3'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:O4'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:O5'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:OP1	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:OP2	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:P	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:C1'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:C2	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:C2'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:C3'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:C4	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:C4'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:C5	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:C5'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:C6	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:C8	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:H1'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:H2	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:H2'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:H2''	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:H3'	6	2.02

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:H4'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:H5'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:H5''	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:H61	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:H62	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:H8	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:N1	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:N3	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:N6	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:N7	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:N9	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:O3'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:O4'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:O5'	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:OP1	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:OP2	6	2.02
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:P	6	2.02
(1,10)	1:A:20:THR:C	2:X:3:DT:C1'	7	1.83
(1,10)	1:A:20:THR:C	2:X:3:DT:C2	7	1.83
(1,10)	1:A:20:THR:C	2:X:3:DT:C2'	7	1.83
(1,10)	1:A:20:THR:C	2:X:3:DT:C3'	7	1.83
(1,10)	1:A:20:THR:C	2:X:3:DT:C4	7	1.83
(1,10)	1:A:20:THR:C	2:X:3:DT:C4'	7	1.83
(1,10)	1:A:20:THR:C	2:X:3:DT:C5	7	1.83
(1,10)	1:A:20:THR:C	2:X:3:DT:C5'	7	1.83
(1,10)	1:A:20:THR:C	2:X:3:DT:C6	7	1.83
(1,10)	1:A:20:THR:C	2:X:3:DT:C7	7	1.83
(1,10)	1:A:20:THR:C	2:X:3:DT:H1'	7	1.83
(1,10)	1:A:20:THR:C	2:X:3:DT:H2'	7	1.83
(1,10)	1:A:20:THR:C	2:X:3:DT:H2''	7	1.83
(1,10)	1:A:20:THR:C	2:X:3:DT:H3	7	1.83
(1,10)	1:A:20:THR:C	2:X:3:DT:H3'	7	1.83
(1,10)	1:A:20:THR:C	2:X:3:DT:H4'	7	1.83
(1,10)	1:A:20:THR:C	2:X:3:DT:H5'	7	1.83
(1,10)	1:A:20:THR:C	2:X:3:DT:H5''	7	1.83
(1,10)	1:A:20:THR:C	2:X:3:DT:H6	7	1.83
(1,10)	1:A:20:THR:C	2:X:3:DT:H71	7	1.83
(1,10)	1:A:20:THR:C	2:X:3:DT:H72	7	1.83
(1,10)	1:A:20:THR:C	2:X:3:DT:H73	7	1.83
(1,10)	1:A:20:THR:C	2:X:3:DT:N1	7	1.83
(1,10)	1:A:20:THR:C	2:X:3:DT:N3	7	1.83
(1,10)	1:A:20:THR:C	2:X:3:DT:O2	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:C	2:X:3:DT:O3'	7	1.83
(1,10)	1:A:20:THR:C	2:X:3:DT:O4	7	1.83
(1,10)	1:A:20:THR:C	2:X:3:DT:O4'	7	1.83
(1,10)	1:A:20:THR:C	2:X:3:DT:O5'	7	1.83
(1,10)	1:A:20:THR:C	2:X:3:DT:OP1	7	1.83
(1,10)	1:A:20:THR:C	2:X:3:DT:OP2	7	1.83
(1,10)	1:A:20:THR:C	2:X:3:DT:P	7	1.83
(1,10)	1:A:20:THR:C	2:X:4:DG:C1'	7	1.83
(1,10)	1:A:20:THR:C	2:X:4:DG:C2	7	1.83
(1,10)	1:A:20:THR:C	2:X:4:DG:C2'	7	1.83
(1,10)	1:A:20:THR:C	2:X:4:DG:C3'	7	1.83
(1,10)	1:A:20:THR:C	2:X:4:DG:C4	7	1.83
(1,10)	1:A:20:THR:C	2:X:4:DG:C4'	7	1.83
(1,10)	1:A:20:THR:C	2:X:4:DG:C5	7	1.83
(1,10)	1:A:20:THR:C	2:X:4:DG:C5'	7	1.83
(1,10)	1:A:20:THR:C	2:X:4:DG:C6	7	1.83
(1,10)	1:A:20:THR:C	2:X:4:DG:C8	7	1.83
(1,10)	1:A:20:THR:C	2:X:4:DG:H1	7	1.83
(1,10)	1:A:20:THR:C	2:X:4:DG:H1'	7	1.83
(1,10)	1:A:20:THR:C	2:X:4:DG:H2'	7	1.83
(1,10)	1:A:20:THR:C	2:X:4:DG:H2''	7	1.83
(1,10)	1:A:20:THR:C	2:X:4:DG:H21	7	1.83
(1,10)	1:A:20:THR:C	2:X:4:DG:H22	7	1.83
(1,10)	1:A:20:THR:C	2:X:4:DG:H3'	7	1.83
(1,10)	1:A:20:THR:C	2:X:4:DG:H4'	7	1.83
(1,10)	1:A:20:THR:C	2:X:4:DG:H5'	7	1.83
(1,10)	1:A:20:THR:C	2:X:4:DG:H5''	7	1.83
(1,10)	1:A:20:THR:C	2:X:4:DG:H8	7	1.83
(1,10)	1:A:20:THR:C	2:X:4:DG:N1	7	1.83
(1,10)	1:A:20:THR:C	2:X:4:DG:N2	7	1.83
(1,10)	1:A:20:THR:C	2:X:4:DG:N3	7	1.83
(1,10)	1:A:20:THR:C	2:X:4:DG:N7	7	1.83
(1,10)	1:A:20:THR:C	2:X:4:DG:N9	7	1.83
(1,10)	1:A:20:THR:C	2:X:4:DG:O3'	7	1.83
(1,10)	1:A:20:THR:C	2:X:4:DG:O4'	7	1.83
(1,10)	1:A:20:THR:C	2:X:4:DG:O5'	7	1.83
(1,10)	1:A:20:THR:C	2:X:4:DG:O6	7	1.83
(1,10)	1:A:20:THR:C	2:X:4:DG:OP1	7	1.83
(1,10)	1:A:20:THR:C	2:X:4:DG:OP2	7	1.83
(1,10)	1:A:20:THR:C	2:X:4:DG:P	7	1.83
(1,10)	1:A:20:THR:C	2:X:5:DA:C1'	7	1.83
(1,10)	1:A:20:THR:C	2:X:5:DA:C2	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:C	2:X:5:DA:C2'	7	1.83
(1,10)	1:A:20:THR:C	2:X:5:DA:C3'	7	1.83
(1,10)	1:A:20:THR:C	2:X:5:DA:C4	7	1.83
(1,10)	1:A:20:THR:C	2:X:5:DA:C4'	7	1.83
(1,10)	1:A:20:THR:C	2:X:5:DA:C5	7	1.83
(1,10)	1:A:20:THR:C	2:X:5:DA:C5'	7	1.83
(1,10)	1:A:20:THR:C	2:X:5:DA:C6	7	1.83
(1,10)	1:A:20:THR:C	2:X:5:DA:C8	7	1.83
(1,10)	1:A:20:THR:C	2:X:5:DA:H1'	7	1.83
(1,10)	1:A:20:THR:C	2:X:5:DA:H2	7	1.83
(1,10)	1:A:20:THR:C	2:X:5:DA:H2'	7	1.83
(1,10)	1:A:20:THR:C	2:X:5:DA:H2''	7	1.83
(1,10)	1:A:20:THR:C	2:X:5:DA:H3'	7	1.83
(1,10)	1:A:20:THR:C	2:X:5:DA:H4'	7	1.83
(1,10)	1:A:20:THR:C	2:X:5:DA:H5'	7	1.83
(1,10)	1:A:20:THR:C	2:X:5:DA:H5''	7	1.83
(1,10)	1:A:20:THR:C	2:X:5:DA:H61	7	1.83
(1,10)	1:A:20:THR:C	2:X:5:DA:H62	7	1.83
(1,10)	1:A:20:THR:C	2:X:5:DA:H8	7	1.83
(1,10)	1:A:20:THR:C	2:X:5:DA:N1	7	1.83
(1,10)	1:A:20:THR:C	2:X:5:DA:N3	7	1.83
(1,10)	1:A:20:THR:C	2:X:5:DA:N6	7	1.83
(1,10)	1:A:20:THR:C	2:X:5:DA:N7	7	1.83
(1,10)	1:A:20:THR:C	2:X:5:DA:N9	7	1.83
(1,10)	1:A:20:THR:C	2:X:5:DA:O3'	7	1.83
(1,10)	1:A:20:THR:C	2:X:5:DA:O4'	7	1.83
(1,10)	1:A:20:THR:C	2:X:5:DA:O5'	7	1.83
(1,10)	1:A:20:THR:C	2:X:5:DA:OP1	7	1.83
(1,10)	1:A:20:THR:C	2:X:5:DA:OP2	7	1.83
(1,10)	1:A:20:THR:C	2:X:5:DA:P	7	1.83
(1,10)	1:A:20:THR:C	2:X:6:DT:C1'	7	1.83
(1,10)	1:A:20:THR:C	2:X:6:DT:C2	7	1.83
(1,10)	1:A:20:THR:C	2:X:6:DT:C2'	7	1.83
(1,10)	1:A:20:THR:C	2:X:6:DT:C3'	7	1.83
(1,10)	1:A:20:THR:C	2:X:6:DT:C4	7	1.83
(1,10)	1:A:20:THR:C	2:X:6:DT:C4'	7	1.83
(1,10)	1:A:20:THR:C	2:X:6:DT:C5	7	1.83
(1,10)	1:A:20:THR:C	2:X:6:DT:C5'	7	1.83
(1,10)	1:A:20:THR:C	2:X:6:DT:C6	7	1.83
(1,10)	1:A:20:THR:C	2:X:6:DT:C7	7	1.83
(1,10)	1:A:20:THR:C	2:X:6:DT:H1'	7	1.83
(1,10)	1:A:20:THR:C	2:X:6:DT:H2'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:C	2:X:6:DT:H2''	7	1.83
(1,10)	1:A:20:THR:C	2:X:6:DT:H3	7	1.83
(1,10)	1:A:20:THR:C	2:X:6:DT:H3'	7	1.83
(1,10)	1:A:20:THR:C	2:X:6:DT:H4'	7	1.83
(1,10)	1:A:20:THR:C	2:X:6:DT:H5'	7	1.83
(1,10)	1:A:20:THR:C	2:X:6:DT:H5''	7	1.83
(1,10)	1:A:20:THR:C	2:X:6:DT:H6	7	1.83
(1,10)	1:A:20:THR:C	2:X:6:DT:H71	7	1.83
(1,10)	1:A:20:THR:C	2:X:6:DT:H72	7	1.83
(1,10)	1:A:20:THR:C	2:X:6:DT:H73	7	1.83
(1,10)	1:A:20:THR:C	2:X:6:DT:N1	7	1.83
(1,10)	1:A:20:THR:C	2:X:6:DT:N3	7	1.83
(1,10)	1:A:20:THR:C	2:X:6:DT:O2	7	1.83
(1,10)	1:A:20:THR:C	2:X:6:DT:O3'	7	1.83
(1,10)	1:A:20:THR:C	2:X:6:DT:O4	7	1.83
(1,10)	1:A:20:THR:C	2:X:6:DT:O4'	7	1.83
(1,10)	1:A:20:THR:C	2:X:6:DT:O5'	7	1.83
(1,10)	1:A:20:THR:C	2:X:6:DT:OP1	7	1.83
(1,10)	1:A:20:THR:C	2:X:6:DT:OP2	7	1.83
(1,10)	1:A:20:THR:C	2:X:6:DT:P	7	1.83
(1,10)	1:A:20:THR:C	2:X:7:DA:C1'	7	1.83
(1,10)	1:A:20:THR:C	2:X:7:DA:C2	7	1.83
(1,10)	1:A:20:THR:C	2:X:7:DA:C2'	7	1.83
(1,10)	1:A:20:THR:C	2:X:7:DA:C3'	7	1.83
(1,10)	1:A:20:THR:C	2:X:7:DA:C4	7	1.83
(1,10)	1:A:20:THR:C	2:X:7:DA:C4'	7	1.83
(1,10)	1:A:20:THR:C	2:X:7:DA:C5	7	1.83
(1,10)	1:A:20:THR:C	2:X:7:DA:C5'	7	1.83
(1,10)	1:A:20:THR:C	2:X:7:DA:C6	7	1.83
(1,10)	1:A:20:THR:C	2:X:7:DA:C8	7	1.83
(1,10)	1:A:20:THR:C	2:X:7:DA:H1'	7	1.83
(1,10)	1:A:20:THR:C	2:X:7:DA:H2	7	1.83
(1,10)	1:A:20:THR:C	2:X:7:DA:H2'	7	1.83
(1,10)	1:A:20:THR:C	2:X:7:DA:H2''	7	1.83
(1,10)	1:A:20:THR:C	2:X:7:DA:H3'	7	1.83
(1,10)	1:A:20:THR:C	2:X:7:DA:H4'	7	1.83
(1,10)	1:A:20:THR:C	2:X:7:DA:H5'	7	1.83
(1,10)	1:A:20:THR:C	2:X:7:DA:H5''	7	1.83
(1,10)	1:A:20:THR:C	2:X:7:DA:H61	7	1.83
(1,10)	1:A:20:THR:C	2:X:7:DA:H62	7	1.83
(1,10)	1:A:20:THR:C	2:X:7:DA:H8	7	1.83
(1,10)	1:A:20:THR:C	2:X:7:DA:N1	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:C	2:X:7:DA:N3	7	1.83
(1,10)	1:A:20:THR:C	2:X:7:DA:N6	7	1.83
(1,10)	1:A:20:THR:C	2:X:7:DA:N7	7	1.83
(1,10)	1:A:20:THR:C	2:X:7:DA:N9	7	1.83
(1,10)	1:A:20:THR:C	2:X:7:DA:O3'	7	1.83
(1,10)	1:A:20:THR:C	2:X:7:DA:O4'	7	1.83
(1,10)	1:A:20:THR:C	2:X:7:DA:O5'	7	1.83
(1,10)	1:A:20:THR:C	2:X:7:DA:OP1	7	1.83
(1,10)	1:A:20:THR:C	2:X:7:DA:OP2	7	1.83
(1,10)	1:A:20:THR:C	2:X:7:DA:P	7	1.83
(1,10)	1:A:20:THR:C	2:X:8:DT:C1'	7	1.83
(1,10)	1:A:20:THR:C	2:X:8:DT:C2	7	1.83
(1,10)	1:A:20:THR:C	2:X:8:DT:C2'	7	1.83
(1,10)	1:A:20:THR:C	2:X:8:DT:C3'	7	1.83
(1,10)	1:A:20:THR:C	2:X:8:DT:C4	7	1.83
(1,10)	1:A:20:THR:C	2:X:8:DT:C4'	7	1.83
(1,10)	1:A:20:THR:C	2:X:8:DT:C5	7	1.83
(1,10)	1:A:20:THR:C	2:X:8:DT:C5'	7	1.83
(1,10)	1:A:20:THR:C	2:X:8:DT:C6	7	1.83
(1,10)	1:A:20:THR:C	2:X:8:DT:C7	7	1.83
(1,10)	1:A:20:THR:C	2:X:8:DT:H1'	7	1.83
(1,10)	1:A:20:THR:C	2:X:8:DT:H2'	7	1.83
(1,10)	1:A:20:THR:C	2:X:8:DT:H2''	7	1.83
(1,10)	1:A:20:THR:C	2:X:8:DT:H3	7	1.83
(1,10)	1:A:20:THR:C	2:X:8:DT:H3'	7	1.83
(1,10)	1:A:20:THR:C	2:X:8:DT:H4'	7	1.83
(1,10)	1:A:20:THR:C	2:X:8:DT:H5'	7	1.83
(1,10)	1:A:20:THR:C	2:X:8:DT:H5''	7	1.83
(1,10)	1:A:20:THR:C	2:X:8:DT:H6	7	1.83
(1,10)	1:A:20:THR:C	2:X:8:DT:H71	7	1.83
(1,10)	1:A:20:THR:C	2:X:8:DT:H72	7	1.83
(1,10)	1:A:20:THR:C	2:X:8:DT:H73	7	1.83
(1,10)	1:A:20:THR:C	2:X:8:DT:N1	7	1.83
(1,10)	1:A:20:THR:C	2:X:8:DT:N3	7	1.83
(1,10)	1:A:20:THR:C	2:X:8:DT:O2	7	1.83
(1,10)	1:A:20:THR:C	2:X:8:DT:O3'	7	1.83
(1,10)	1:A:20:THR:C	2:X:8:DT:O4	7	1.83
(1,10)	1:A:20:THR:C	2:X:8:DT:O4'	7	1.83
(1,10)	1:A:20:THR:C	2:X:8:DT:O5'	7	1.83
(1,10)	1:A:20:THR:C	2:X:8:DT:OP1	7	1.83
(1,10)	1:A:20:THR:C	2:X:8:DT:OP2	7	1.83
(1,10)	1:A:20:THR:C	2:X:8:DT:P	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:C	2:X:9:DA:C1'	7	1.83
(1,10)	1:A:20:THR:C	2:X:9:DA:C2	7	1.83
(1,10)	1:A:20:THR:C	2:X:9:DA:C2'	7	1.83
(1,10)	1:A:20:THR:C	2:X:9:DA:C3'	7	1.83
(1,10)	1:A:20:THR:C	2:X:9:DA:C4	7	1.83
(1,10)	1:A:20:THR:C	2:X:9:DA:C4'	7	1.83
(1,10)	1:A:20:THR:C	2:X:9:DA:C5	7	1.83
(1,10)	1:A:20:THR:C	2:X:9:DA:C5'	7	1.83
(1,10)	1:A:20:THR:C	2:X:9:DA:C6	7	1.83
(1,10)	1:A:20:THR:C	2:X:9:DA:C8	7	1.83
(1,10)	1:A:20:THR:C	2:X:9:DA:H1'	7	1.83
(1,10)	1:A:20:THR:C	2:X:9:DA:H2	7	1.83
(1,10)	1:A:20:THR:C	2:X:9:DA:H2'	7	1.83
(1,10)	1:A:20:THR:C	2:X:9:DA:H2''	7	1.83
(1,10)	1:A:20:THR:C	2:X:9:DA:H3'	7	1.83
(1,10)	1:A:20:THR:C	2:X:9:DA:H4'	7	1.83
(1,10)	1:A:20:THR:C	2:X:9:DA:H5'	7	1.83
(1,10)	1:A:20:THR:C	2:X:9:DA:H5''	7	1.83
(1,10)	1:A:20:THR:C	2:X:9:DA:H61	7	1.83
(1,10)	1:A:20:THR:C	2:X:9:DA:H62	7	1.83
(1,10)	1:A:20:THR:C	2:X:9:DA:H8	7	1.83
(1,10)	1:A:20:THR:C	2:X:9:DA:N1	7	1.83
(1,10)	1:A:20:THR:C	2:X:9:DA:N3	7	1.83
(1,10)	1:A:20:THR:C	2:X:9:DA:N6	7	1.83
(1,10)	1:A:20:THR:C	2:X:9:DA:N7	7	1.83
(1,10)	1:A:20:THR:C	2:X:9:DA:N9	7	1.83
(1,10)	1:A:20:THR:C	2:X:9:DA:O3'	7	1.83
(1,10)	1:A:20:THR:C	2:X:9:DA:O4'	7	1.83
(1,10)	1:A:20:THR:C	2:X:9:DA:O5'	7	1.83
(1,10)	1:A:20:THR:C	2:X:9:DA:OP1	7	1.83
(1,10)	1:A:20:THR:C	2:X:9:DA:OP2	7	1.83
(1,10)	1:A:20:THR:C	2:X:9:DA:P	7	1.83
(1,10)	1:A:20:THR:C	2:X:10:DT:C1'	7	1.83
(1,10)	1:A:20:THR:C	2:X:10:DT:C2	7	1.83
(1,10)	1:A:20:THR:C	2:X:10:DT:C2'	7	1.83
(1,10)	1:A:20:THR:C	2:X:10:DT:C3'	7	1.83
(1,10)	1:A:20:THR:C	2:X:10:DT:C4	7	1.83
(1,10)	1:A:20:THR:C	2:X:10:DT:C4'	7	1.83
(1,10)	1:A:20:THR:C	2:X:10:DT:C5	7	1.83
(1,10)	1:A:20:THR:C	2:X:10:DT:C5'	7	1.83
(1,10)	1:A:20:THR:C	2:X:10:DT:C6	7	1.83
(1,10)	1:A:20:THR:C	2:X:10:DT:C7	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:C	2:X:10:DT:H1'	7	1.83
(1,10)	1:A:20:THR:C	2:X:10:DT:H2'	7	1.83
(1,10)	1:A:20:THR:C	2:X:10:DT:H2''	7	1.83
(1,10)	1:A:20:THR:C	2:X:10:DT:H3	7	1.83
(1,10)	1:A:20:THR:C	2:X:10:DT:H3'	7	1.83
(1,10)	1:A:20:THR:C	2:X:10:DT:H4'	7	1.83
(1,10)	1:A:20:THR:C	2:X:10:DT:H5'	7	1.83
(1,10)	1:A:20:THR:C	2:X:10:DT:H5''	7	1.83
(1,10)	1:A:20:THR:C	2:X:10:DT:H6	7	1.83
(1,10)	1:A:20:THR:C	2:X:10:DT:H71	7	1.83
(1,10)	1:A:20:THR:C	2:X:10:DT:H72	7	1.83
(1,10)	1:A:20:THR:C	2:X:10:DT:H73	7	1.83
(1,10)	1:A:20:THR:C	2:X:10:DT:N1	7	1.83
(1,10)	1:A:20:THR:C	2:X:10:DT:N3	7	1.83
(1,10)	1:A:20:THR:C	2:X:10:DT:O2	7	1.83
(1,10)	1:A:20:THR:C	2:X:10:DT:O3'	7	1.83
(1,10)	1:A:20:THR:C	2:X:10:DT:O4	7	1.83
(1,10)	1:A:20:THR:C	2:X:10:DT:O4'	7	1.83
(1,10)	1:A:20:THR:C	2:X:10:DT:O5'	7	1.83
(1,10)	1:A:20:THR:C	2:X:10:DT:OP1	7	1.83
(1,10)	1:A:20:THR:C	2:X:10:DT:OP2	7	1.83
(1,10)	1:A:20:THR:C	2:X:10:DT:P	7	1.83
(1,10)	1:A:20:THR:C	2:X:11:DA:C1'	7	1.83
(1,10)	1:A:20:THR:C	2:X:11:DA:C2	7	1.83
(1,10)	1:A:20:THR:C	2:X:11:DA:C2'	7	1.83
(1,10)	1:A:20:THR:C	2:X:11:DA:C3'	7	1.83
(1,10)	1:A:20:THR:C	2:X:11:DA:C4	7	1.83
(1,10)	1:A:20:THR:C	2:X:11:DA:C4'	7	1.83
(1,10)	1:A:20:THR:C	2:X:11:DA:C5	7	1.83
(1,10)	1:A:20:THR:C	2:X:11:DA:C5'	7	1.83
(1,10)	1:A:20:THR:C	2:X:11:DA:C6	7	1.83
(1,10)	1:A:20:THR:C	2:X:11:DA:C8	7	1.83
(1,10)	1:A:20:THR:C	2:X:11:DA:H1'	7	1.83
(1,10)	1:A:20:THR:C	2:X:11:DA:H2	7	1.83
(1,10)	1:A:20:THR:C	2:X:11:DA:H2'	7	1.83
(1,10)	1:A:20:THR:C	2:X:11:DA:H2''	7	1.83
(1,10)	1:A:20:THR:C	2:X:11:DA:H3'	7	1.83
(1,10)	1:A:20:THR:C	2:X:11:DA:H4'	7	1.83
(1,10)	1:A:20:THR:C	2:X:11:DA:H5'	7	1.83
(1,10)	1:A:20:THR:C	2:X:11:DA:H5''	7	1.83
(1,10)	1:A:20:THR:C	2:X:11:DA:H61	7	1.83
(1,10)	1:A:20:THR:C	2:X:11:DA:H62	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:C	2:X:11:DA:H8	7	1.83
(1,10)	1:A:20:THR:C	2:X:11:DA:N1	7	1.83
(1,10)	1:A:20:THR:C	2:X:11:DA:N3	7	1.83
(1,10)	1:A:20:THR:C	2:X:11:DA:N6	7	1.83
(1,10)	1:A:20:THR:C	2:X:11:DA:N7	7	1.83
(1,10)	1:A:20:THR:C	2:X:11:DA:N9	7	1.83
(1,10)	1:A:20:THR:C	2:X:11:DA:O3'	7	1.83
(1,10)	1:A:20:THR:C	2:X:11:DA:O4'	7	1.83
(1,10)	1:A:20:THR:C	2:X:11:DA:O5'	7	1.83
(1,10)	1:A:20:THR:C	2:X:11:DA:OP1	7	1.83
(1,10)	1:A:20:THR:C	2:X:11:DA:OP2	7	1.83
(1,10)	1:A:20:THR:C	2:X:11:DA:P	7	1.83
(1,10)	1:A:20:THR:C	2:X:12:DG:C1'	7	1.83
(1,10)	1:A:20:THR:C	2:X:12:DG:C2	7	1.83
(1,10)	1:A:20:THR:C	2:X:12:DG:C2'	7	1.83
(1,10)	1:A:20:THR:C	2:X:12:DG:C3'	7	1.83
(1,10)	1:A:20:THR:C	2:X:12:DG:C4	7	1.83
(1,10)	1:A:20:THR:C	2:X:12:DG:C4'	7	1.83
(1,10)	1:A:20:THR:C	2:X:12:DG:C5	7	1.83
(1,10)	1:A:20:THR:C	2:X:12:DG:C5'	7	1.83
(1,10)	1:A:20:THR:C	2:X:12:DG:C6	7	1.83
(1,10)	1:A:20:THR:C	2:X:12:DG:C8	7	1.83
(1,10)	1:A:20:THR:C	2:X:12:DG:H1	7	1.83
(1,10)	1:A:20:THR:C	2:X:12:DG:H1'	7	1.83
(1,10)	1:A:20:THR:C	2:X:12:DG:H2'	7	1.83
(1,10)	1:A:20:THR:C	2:X:12:DG:H2''	7	1.83
(1,10)	1:A:20:THR:C	2:X:12:DG:H21	7	1.83
(1,10)	1:A:20:THR:C	2:X:12:DG:H22	7	1.83
(1,10)	1:A:20:THR:C	2:X:12:DG:H3'	7	1.83
(1,10)	1:A:20:THR:C	2:X:12:DG:H4'	7	1.83
(1,10)	1:A:20:THR:C	2:X:12:DG:H5'	7	1.83
(1,10)	1:A:20:THR:C	2:X:12:DG:H5''	7	1.83
(1,10)	1:A:20:THR:C	2:X:12:DG:H8	7	1.83
(1,10)	1:A:20:THR:C	2:X:12:DG:N1	7	1.83
(1,10)	1:A:20:THR:C	2:X:12:DG:N2	7	1.83
(1,10)	1:A:20:THR:C	2:X:12:DG:N3	7	1.83
(1,10)	1:A:20:THR:C	2:X:12:DG:N7	7	1.83
(1,10)	1:A:20:THR:C	2:X:12:DG:N9	7	1.83
(1,10)	1:A:20:THR:C	2:X:12:DG:O3'	7	1.83
(1,10)	1:A:20:THR:C	2:X:12:DG:O4'	7	1.83
(1,10)	1:A:20:THR:C	2:X:12:DG:O5'	7	1.83
(1,10)	1:A:20:THR:C	2:X:12:DG:O6	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:C	2:X:12:DG:OP1	7	1.83
(1,10)	1:A:20:THR:C	2:X:12:DG:OP2	7	1.83
(1,10)	1:A:20:THR:C	2:X:12:DG:P	7	1.83
(1,10)	1:A:20:THR:C	2:X:13:DT:C1'	7	1.83
(1,10)	1:A:20:THR:C	2:X:13:DT:C2	7	1.83
(1,10)	1:A:20:THR:C	2:X:13:DT:C2'	7	1.83
(1,10)	1:A:20:THR:C	2:X:13:DT:C3'	7	1.83
(1,10)	1:A:20:THR:C	2:X:13:DT:C4	7	1.83
(1,10)	1:A:20:THR:C	2:X:13:DT:C4'	7	1.83
(1,10)	1:A:20:THR:C	2:X:13:DT:C5	7	1.83
(1,10)	1:A:20:THR:C	2:X:13:DT:C5'	7	1.83
(1,10)	1:A:20:THR:C	2:X:13:DT:C6	7	1.83
(1,10)	1:A:20:THR:C	2:X:13:DT:C7	7	1.83
(1,10)	1:A:20:THR:C	2:X:13:DT:H1'	7	1.83
(1,10)	1:A:20:THR:C	2:X:13:DT:H2'	7	1.83
(1,10)	1:A:20:THR:C	2:X:13:DT:H2''	7	1.83
(1,10)	1:A:20:THR:C	2:X:13:DT:H3	7	1.83
(1,10)	1:A:20:THR:C	2:X:13:DT:H3'	7	1.83
(1,10)	1:A:20:THR:C	2:X:13:DT:H4'	7	1.83
(1,10)	1:A:20:THR:C	2:X:13:DT:H5'	7	1.83
(1,10)	1:A:20:THR:C	2:X:13:DT:H5''	7	1.83
(1,10)	1:A:20:THR:C	2:X:13:DT:H6	7	1.83
(1,10)	1:A:20:THR:C	2:X:13:DT:H71	7	1.83
(1,10)	1:A:20:THR:C	2:X:13:DT:H72	7	1.83
(1,10)	1:A:20:THR:C	2:X:13:DT:H73	7	1.83
(1,10)	1:A:20:THR:C	2:X:13:DT:N1	7	1.83
(1,10)	1:A:20:THR:C	2:X:13:DT:N3	7	1.83
(1,10)	1:A:20:THR:C	2:X:13:DT:O2	7	1.83
(1,10)	1:A:20:THR:C	2:X:13:DT:O3'	7	1.83
(1,10)	1:A:20:THR:C	2:X:13:DT:O4	7	1.83
(1,10)	1:A:20:THR:C	2:X:13:DT:O4'	7	1.83
(1,10)	1:A:20:THR:C	2:X:13:DT:O5'	7	1.83
(1,10)	1:A:20:THR:C	2:X:13:DT:OP1	7	1.83
(1,10)	1:A:20:THR:C	2:X:13:DT:OP2	7	1.83
(1,10)	1:A:20:THR:C	2:X:13:DT:P	7	1.83
(1,10)	1:A:20:THR:C	3:Y:3:DA:C1'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:3:DA:C2	7	1.83
(1,10)	1:A:20:THR:C	3:Y:3:DA:C2'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:3:DA:C3'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:3:DA:C4	7	1.83
(1,10)	1:A:20:THR:C	3:Y:3:DA:C4'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:3:DA:C5	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:C	3:Y:3:DA:C5'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:3:DA:C6	7	1.83
(1,10)	1:A:20:THR:C	3:Y:3:DA:C8	7	1.83
(1,10)	1:A:20:THR:C	3:Y:3:DA:H1'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:3:DA:H2	7	1.83
(1,10)	1:A:20:THR:C	3:Y:3:DA:H2'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:3:DA:H2''	7	1.83
(1,10)	1:A:20:THR:C	3:Y:3:DA:H3'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:3:DA:H4'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:3:DA:H5'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:3:DA:H5''	7	1.83
(1,10)	1:A:20:THR:C	3:Y:3:DA:H61	7	1.83
(1,10)	1:A:20:THR:C	3:Y:3:DA:H62	7	1.83
(1,10)	1:A:20:THR:C	3:Y:3:DA:H8	7	1.83
(1,10)	1:A:20:THR:C	3:Y:3:DA:N1	7	1.83
(1,10)	1:A:20:THR:C	3:Y:3:DA:N3	7	1.83
(1,10)	1:A:20:THR:C	3:Y:3:DA:N6	7	1.83
(1,10)	1:A:20:THR:C	3:Y:3:DA:N7	7	1.83
(1,10)	1:A:20:THR:C	3:Y:3:DA:N9	7	1.83
(1,10)	1:A:20:THR:C	3:Y:3:DA:O3'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:3:DA:O4'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:3:DA:O5'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:3:DA:OP1	7	1.83
(1,10)	1:A:20:THR:C	3:Y:3:DA:OP2	7	1.83
(1,10)	1:A:20:THR:C	3:Y:3:DA:P	7	1.83
(1,10)	1:A:20:THR:C	3:Y:4:DC:C1'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:4:DC:C2	7	1.83
(1,10)	1:A:20:THR:C	3:Y:4:DC:C2'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:4:DC:C3'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:4:DC:C4	7	1.83
(1,10)	1:A:20:THR:C	3:Y:4:DC:C4'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:4:DC:C5	7	1.83
(1,10)	1:A:20:THR:C	3:Y:4:DC:C5'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:4:DC:C6	7	1.83
(1,10)	1:A:20:THR:C	3:Y:4:DC:H1'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:4:DC:H2'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:4:DC:H2''	7	1.83
(1,10)	1:A:20:THR:C	3:Y:4:DC:H3'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:4:DC:H4'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:4:DC:H41	7	1.83
(1,10)	1:A:20:THR:C	3:Y:4:DC:H42	7	1.83
(1,10)	1:A:20:THR:C	3:Y:4:DC:H5	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:C	3:Y:4:DC:H5'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:4:DC:H5''	7	1.83
(1,10)	1:A:20:THR:C	3:Y:4:DC:H6	7	1.83
(1,10)	1:A:20:THR:C	3:Y:4:DC:N1	7	1.83
(1,10)	1:A:20:THR:C	3:Y:4:DC:N3	7	1.83
(1,10)	1:A:20:THR:C	3:Y:4:DC:N4	7	1.83
(1,10)	1:A:20:THR:C	3:Y:4:DC:O2	7	1.83
(1,10)	1:A:20:THR:C	3:Y:4:DC:O3'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:4:DC:O4'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:4:DC:O5'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:4:DC:OP1	7	1.83
(1,10)	1:A:20:THR:C	3:Y:4:DC:OP2	7	1.83
(1,10)	1:A:20:THR:C	3:Y:4:DC:P	7	1.83
(1,10)	1:A:20:THR:C	3:Y:5:DT:C1'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:5:DT:C2	7	1.83
(1,10)	1:A:20:THR:C	3:Y:5:DT:C2'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:5:DT:C3'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:5:DT:C4	7	1.83
(1,10)	1:A:20:THR:C	3:Y:5:DT:C4'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:5:DT:C5	7	1.83
(1,10)	1:A:20:THR:C	3:Y:5:DT:C5'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:5:DT:C6	7	1.83
(1,10)	1:A:20:THR:C	3:Y:5:DT:C7	7	1.83
(1,10)	1:A:20:THR:C	3:Y:5:DT:H1'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:5:DT:H2'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:5:DT:H2''	7	1.83
(1,10)	1:A:20:THR:C	3:Y:5:DT:H3	7	1.83
(1,10)	1:A:20:THR:C	3:Y:5:DT:H3'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:5:DT:H4'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:5:DT:H5'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:5:DT:H5''	7	1.83
(1,10)	1:A:20:THR:C	3:Y:5:DT:H6	7	1.83
(1,10)	1:A:20:THR:C	3:Y:5:DT:H71	7	1.83
(1,10)	1:A:20:THR:C	3:Y:5:DT:H72	7	1.83
(1,10)	1:A:20:THR:C	3:Y:5:DT:H73	7	1.83
(1,10)	1:A:20:THR:C	3:Y:5:DT:N1	7	1.83
(1,10)	1:A:20:THR:C	3:Y:5:DT:N3	7	1.83
(1,10)	1:A:20:THR:C	3:Y:5:DT:O2	7	1.83
(1,10)	1:A:20:THR:C	3:Y:5:DT:O3'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:5:DT:O4	7	1.83
(1,10)	1:A:20:THR:C	3:Y:5:DT:O4'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:5:DT:O5'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:C	3:Y:5:DT:OP1	7	1.83
(1,10)	1:A:20:THR:C	3:Y:5:DT:OP2	7	1.83
(1,10)	1:A:20:THR:C	3:Y:5:DT:P	7	1.83
(1,10)	1:A:20:THR:C	3:Y:6:DA:C1'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:6:DA:C2	7	1.83
(1,10)	1:A:20:THR:C	3:Y:6:DA:C2'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:6:DA:C3'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:6:DA:C4	7	1.83
(1,10)	1:A:20:THR:C	3:Y:6:DA:C4'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:6:DA:C5	7	1.83
(1,10)	1:A:20:THR:C	3:Y:6:DA:C5'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:6:DA:C6	7	1.83
(1,10)	1:A:20:THR:C	3:Y:6:DA:C8	7	1.83
(1,10)	1:A:20:THR:C	3:Y:6:DA:H1'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:6:DA:H2	7	1.83
(1,10)	1:A:20:THR:C	3:Y:6:DA:H2'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:6:DA:H2''	7	1.83
(1,10)	1:A:20:THR:C	3:Y:6:DA:H3'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:6:DA:H4'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:6:DA:H5'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:6:DA:H5''	7	1.83
(1,10)	1:A:20:THR:C	3:Y:6:DA:H61	7	1.83
(1,10)	1:A:20:THR:C	3:Y:6:DA:H62	7	1.83
(1,10)	1:A:20:THR:C	3:Y:6:DA:H8	7	1.83
(1,10)	1:A:20:THR:C	3:Y:6:DA:N1	7	1.83
(1,10)	1:A:20:THR:C	3:Y:6:DA:N3	7	1.83
(1,10)	1:A:20:THR:C	3:Y:6:DA:N6	7	1.83
(1,10)	1:A:20:THR:C	3:Y:6:DA:N7	7	1.83
(1,10)	1:A:20:THR:C	3:Y:6:DA:N9	7	1.83
(1,10)	1:A:20:THR:C	3:Y:6:DA:O3'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:6:DA:O4'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:6:DA:O5'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:6:DA:OP1	7	1.83
(1,10)	1:A:20:THR:C	3:Y:6:DA:OP2	7	1.83
(1,10)	1:A:20:THR:C	3:Y:6:DA:P	7	1.83
(1,10)	1:A:20:THR:C	3:Y:7:DT:C1'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:7:DT:C2	7	1.83
(1,10)	1:A:20:THR:C	3:Y:7:DT:C2'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:7:DT:C3'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:7:DT:C4	7	1.83
(1,10)	1:A:20:THR:C	3:Y:7:DT:C4'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:7:DT:C5	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:C	3:Y:7:DT:C5'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:7:DT:C6	7	1.83
(1,10)	1:A:20:THR:C	3:Y:7:DT:C7	7	1.83
(1,10)	1:A:20:THR:C	3:Y:7:DT:H1'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:7:DT:H2'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:7:DT:H2''	7	1.83
(1,10)	1:A:20:THR:C	3:Y:7:DT:H3	7	1.83
(1,10)	1:A:20:THR:C	3:Y:7:DT:H3'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:7:DT:H4'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:7:DT:H5'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:7:DT:H5''	7	1.83
(1,10)	1:A:20:THR:C	3:Y:7:DT:H6	7	1.83
(1,10)	1:A:20:THR:C	3:Y:7:DT:H71	7	1.83
(1,10)	1:A:20:THR:C	3:Y:7:DT:H72	7	1.83
(1,10)	1:A:20:THR:C	3:Y:7:DT:H73	7	1.83
(1,10)	1:A:20:THR:C	3:Y:7:DT:N1	7	1.83
(1,10)	1:A:20:THR:C	3:Y:7:DT:N3	7	1.83
(1,10)	1:A:20:THR:C	3:Y:7:DT:O2	7	1.83
(1,10)	1:A:20:THR:C	3:Y:7:DT:O3'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:7:DT:O4	7	1.83
(1,10)	1:A:20:THR:C	3:Y:7:DT:O4'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:7:DT:O5'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:7:DT:OP1	7	1.83
(1,10)	1:A:20:THR:C	3:Y:7:DT:OP2	7	1.83
(1,10)	1:A:20:THR:C	3:Y:7:DT:P	7	1.83
(1,10)	1:A:20:THR:C	3:Y:8:DA:C1'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:8:DA:C2	7	1.83
(1,10)	1:A:20:THR:C	3:Y:8:DA:C2'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:8:DA:C3'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:8:DA:C4	7	1.83
(1,10)	1:A:20:THR:C	3:Y:8:DA:C4'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:8:DA:C5	7	1.83
(1,10)	1:A:20:THR:C	3:Y:8:DA:C5'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:8:DA:C6	7	1.83
(1,10)	1:A:20:THR:C	3:Y:8:DA:C8	7	1.83
(1,10)	1:A:20:THR:C	3:Y:8:DA:H1'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:8:DA:H2	7	1.83
(1,10)	1:A:20:THR:C	3:Y:8:DA:H2'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:8:DA:H2''	7	1.83
(1,10)	1:A:20:THR:C	3:Y:8:DA:H3'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:8:DA:H4'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:8:DA:H5'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:C	3:Y:8:DA:H5''	7	1.83
(1,10)	1:A:20:THR:C	3:Y:8:DA:H61	7	1.83
(1,10)	1:A:20:THR:C	3:Y:8:DA:H62	7	1.83
(1,10)	1:A:20:THR:C	3:Y:8:DA:H8	7	1.83
(1,10)	1:A:20:THR:C	3:Y:8:DA:N1	7	1.83
(1,10)	1:A:20:THR:C	3:Y:8:DA:N3	7	1.83
(1,10)	1:A:20:THR:C	3:Y:8:DA:N6	7	1.83
(1,10)	1:A:20:THR:C	3:Y:8:DA:N7	7	1.83
(1,10)	1:A:20:THR:C	3:Y:8:DA:N9	7	1.83
(1,10)	1:A:20:THR:C	3:Y:8:DA:O3'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:8:DA:O4'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:8:DA:O5'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:8:DA:OP1	7	1.83
(1,10)	1:A:20:THR:C	3:Y:8:DA:OP2	7	1.83
(1,10)	1:A:20:THR:C	3:Y:8:DA:P	7	1.83
(1,10)	1:A:20:THR:C	3:Y:9:DT:C1'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:9:DT:C2	7	1.83
(1,10)	1:A:20:THR:C	3:Y:9:DT:C2'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:9:DT:C3'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:9:DT:C4	7	1.83
(1,10)	1:A:20:THR:C	3:Y:9:DT:C4'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:9:DT:C5	7	1.83
(1,10)	1:A:20:THR:C	3:Y:9:DT:C5'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:9:DT:C6	7	1.83
(1,10)	1:A:20:THR:C	3:Y:9:DT:C7	7	1.83
(1,10)	1:A:20:THR:C	3:Y:9:DT:H1'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:9:DT:H2'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:9:DT:H2''	7	1.83
(1,10)	1:A:20:THR:C	3:Y:9:DT:H3	7	1.83
(1,10)	1:A:20:THR:C	3:Y:9:DT:H3'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:9:DT:H4'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:9:DT:H5'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:9:DT:H5''	7	1.83
(1,10)	1:A:20:THR:C	3:Y:9:DT:H6	7	1.83
(1,10)	1:A:20:THR:C	3:Y:9:DT:H71	7	1.83
(1,10)	1:A:20:THR:C	3:Y:9:DT:H72	7	1.83
(1,10)	1:A:20:THR:C	3:Y:9:DT:H73	7	1.83
(1,10)	1:A:20:THR:C	3:Y:9:DT:N1	7	1.83
(1,10)	1:A:20:THR:C	3:Y:9:DT:N3	7	1.83
(1,10)	1:A:20:THR:C	3:Y:9:DT:O2	7	1.83
(1,10)	1:A:20:THR:C	3:Y:9:DT:O3'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:9:DT:O4	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:C	3:Y:9:DT:O4'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:9:DT:O5'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:9:DT:OP1	7	1.83
(1,10)	1:A:20:THR:C	3:Y:9:DT:OP2	7	1.83
(1,10)	1:A:20:THR:C	3:Y:9:DT:P	7	1.83
(1,10)	1:A:20:THR:C	3:Y:10:DA:C1'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:10:DA:C2	7	1.83
(1,10)	1:A:20:THR:C	3:Y:10:DA:C2'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:10:DA:C3'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:10:DA:C4	7	1.83
(1,10)	1:A:20:THR:C	3:Y:10:DA:C4'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:10:DA:C5	7	1.83
(1,10)	1:A:20:THR:C	3:Y:10:DA:C5'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:10:DA:C6	7	1.83
(1,10)	1:A:20:THR:C	3:Y:10:DA:C8	7	1.83
(1,10)	1:A:20:THR:C	3:Y:10:DA:H1'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:10:DA:H2	7	1.83
(1,10)	1:A:20:THR:C	3:Y:10:DA:H2'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:10:DA:H2''	7	1.83
(1,10)	1:A:20:THR:C	3:Y:10:DA:H3'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:10:DA:H4'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:10:DA:H5'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:10:DA:H5''	7	1.83
(1,10)	1:A:20:THR:C	3:Y:10:DA:H61	7	1.83
(1,10)	1:A:20:THR:C	3:Y:10:DA:H62	7	1.83
(1,10)	1:A:20:THR:C	3:Y:10:DA:H8	7	1.83
(1,10)	1:A:20:THR:C	3:Y:10:DA:N1	7	1.83
(1,10)	1:A:20:THR:C	3:Y:10:DA:N3	7	1.83
(1,10)	1:A:20:THR:C	3:Y:10:DA:N6	7	1.83
(1,10)	1:A:20:THR:C	3:Y:10:DA:N7	7	1.83
(1,10)	1:A:20:THR:C	3:Y:10:DA:N9	7	1.83
(1,10)	1:A:20:THR:C	3:Y:10:DA:O3'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:10:DA:O4'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:10:DA:O5'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:10:DA:OP1	7	1.83
(1,10)	1:A:20:THR:C	3:Y:10:DA:OP2	7	1.83
(1,10)	1:A:20:THR:C	3:Y:10:DA:P	7	1.83
(1,10)	1:A:20:THR:C	3:Y:11:DT:C1'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:11:DT:C2	7	1.83
(1,10)	1:A:20:THR:C	3:Y:11:DT:C2'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:11:DT:C3'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:11:DT:C4	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:C	3:Y:11:DT:C4'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:11:DT:C5	7	1.83
(1,10)	1:A:20:THR:C	3:Y:11:DT:C5'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:11:DT:C6	7	1.83
(1,10)	1:A:20:THR:C	3:Y:11:DT:C7	7	1.83
(1,10)	1:A:20:THR:C	3:Y:11:DT:H1'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:11:DT:H2'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:11:DT:H2''	7	1.83
(1,10)	1:A:20:THR:C	3:Y:11:DT:H3	7	1.83
(1,10)	1:A:20:THR:C	3:Y:11:DT:H3'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:11:DT:H4'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:11:DT:H5'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:11:DT:H5''	7	1.83
(1,10)	1:A:20:THR:C	3:Y:11:DT:H6	7	1.83
(1,10)	1:A:20:THR:C	3:Y:11:DT:H71	7	1.83
(1,10)	1:A:20:THR:C	3:Y:11:DT:H72	7	1.83
(1,10)	1:A:20:THR:C	3:Y:11:DT:H73	7	1.83
(1,10)	1:A:20:THR:C	3:Y:11:DT:N1	7	1.83
(1,10)	1:A:20:THR:C	3:Y:11:DT:N3	7	1.83
(1,10)	1:A:20:THR:C	3:Y:11:DT:O2	7	1.83
(1,10)	1:A:20:THR:C	3:Y:11:DT:O3'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:11:DT:O4	7	1.83
(1,10)	1:A:20:THR:C	3:Y:11:DT:O4'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:11:DT:O5'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:11:DT:OP1	7	1.83
(1,10)	1:A:20:THR:C	3:Y:11:DT:OP2	7	1.83
(1,10)	1:A:20:THR:C	3:Y:11:DT:P	7	1.83
(1,10)	1:A:20:THR:C	3:Y:12:DC:C1'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:12:DC:C2	7	1.83
(1,10)	1:A:20:THR:C	3:Y:12:DC:C2'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:12:DC:C3'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:12:DC:C4	7	1.83
(1,10)	1:A:20:THR:C	3:Y:12:DC:C4'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:12:DC:C5	7	1.83
(1,10)	1:A:20:THR:C	3:Y:12:DC:C5'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:12:DC:C6	7	1.83
(1,10)	1:A:20:THR:C	3:Y:12:DC:H1'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:12:DC:H2'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:12:DC:H2''	7	1.83
(1,10)	1:A:20:THR:C	3:Y:12:DC:H3'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:12:DC:H4'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:12:DC:H41	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:C	3:Y:12:DC:H42	7	1.83
(1,10)	1:A:20:THR:C	3:Y:12:DC:H5	7	1.83
(1,10)	1:A:20:THR:C	3:Y:12:DC:H5'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:12:DC:H5''	7	1.83
(1,10)	1:A:20:THR:C	3:Y:12:DC:H6	7	1.83
(1,10)	1:A:20:THR:C	3:Y:12:DC:N1	7	1.83
(1,10)	1:A:20:THR:C	3:Y:12:DC:N3	7	1.83
(1,10)	1:A:20:THR:C	3:Y:12:DC:N4	7	1.83
(1,10)	1:A:20:THR:C	3:Y:12:DC:O2	7	1.83
(1,10)	1:A:20:THR:C	3:Y:12:DC:O3'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:12:DC:O4'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:12:DC:O5'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:12:DC:OP1	7	1.83
(1,10)	1:A:20:THR:C	3:Y:12:DC:OP2	7	1.83
(1,10)	1:A:20:THR:C	3:Y:12:DC:P	7	1.83
(1,10)	1:A:20:THR:C	3:Y:13:DA:C1'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:13:DA:C2	7	1.83
(1,10)	1:A:20:THR:C	3:Y:13:DA:C2'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:13:DA:C3'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:13:DA:C4	7	1.83
(1,10)	1:A:20:THR:C	3:Y:13:DA:C4'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:13:DA:C5	7	1.83
(1,10)	1:A:20:THR:C	3:Y:13:DA:C5'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:13:DA:C6	7	1.83
(1,10)	1:A:20:THR:C	3:Y:13:DA:C8	7	1.83
(1,10)	1:A:20:THR:C	3:Y:13:DA:H1'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:13:DA:H2	7	1.83
(1,10)	1:A:20:THR:C	3:Y:13:DA:H2'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:13:DA:H2''	7	1.83
(1,10)	1:A:20:THR:C	3:Y:13:DA:H3'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:13:DA:H4'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:13:DA:H5'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:13:DA:H5''	7	1.83
(1,10)	1:A:20:THR:C	3:Y:13:DA:H61	7	1.83
(1,10)	1:A:20:THR:C	3:Y:13:DA:H62	7	1.83
(1,10)	1:A:20:THR:C	3:Y:13:DA:H8	7	1.83
(1,10)	1:A:20:THR:C	3:Y:13:DA:N1	7	1.83
(1,10)	1:A:20:THR:C	3:Y:13:DA:N3	7	1.83
(1,10)	1:A:20:THR:C	3:Y:13:DA:N6	7	1.83
(1,10)	1:A:20:THR:C	3:Y:13:DA:N7	7	1.83
(1,10)	1:A:20:THR:C	3:Y:13:DA:N9	7	1.83
(1,10)	1:A:20:THR:C	3:Y:13:DA:O3'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:C	3:Y:13:DA:O4'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:13:DA:O5'	7	1.83
(1,10)	1:A:20:THR:C	3:Y:13:DA:OP1	7	1.83
(1,10)	1:A:20:THR:C	3:Y:13:DA:OP2	7	1.83
(1,10)	1:A:20:THR:C	3:Y:13:DA:P	7	1.83
(1,10)	1:A:20:THR:CA	2:X:3:DT:C1'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:3:DT:C2	7	1.83
(1,10)	1:A:20:THR:CA	2:X:3:DT:C2'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:3:DT:C3'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:3:DT:C4	7	1.83
(1,10)	1:A:20:THR:CA	2:X:3:DT:C4'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:3:DT:C5	7	1.83
(1,10)	1:A:20:THR:CA	2:X:3:DT:C5'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:3:DT:C6	7	1.83
(1,10)	1:A:20:THR:CA	2:X:3:DT:C7	7	1.83
(1,10)	1:A:20:THR:CA	2:X:3:DT:H1'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:3:DT:H2'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:3:DT:H2''	7	1.83
(1,10)	1:A:20:THR:CA	2:X:3:DT:H3	7	1.83
(1,10)	1:A:20:THR:CA	2:X:3:DT:H3'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:3:DT:H4'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:3:DT:H5'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:3:DT:H5''	7	1.83
(1,10)	1:A:20:THR:CA	2:X:3:DT:H6	7	1.83
(1,10)	1:A:20:THR:CA	2:X:3:DT:H71	7	1.83
(1,10)	1:A:20:THR:CA	2:X:3:DT:H72	7	1.83
(1,10)	1:A:20:THR:CA	2:X:3:DT:H73	7	1.83
(1,10)	1:A:20:THR:CA	2:X:3:DT:N1	7	1.83
(1,10)	1:A:20:THR:CA	2:X:3:DT:N3	7	1.83
(1,10)	1:A:20:THR:CA	2:X:3:DT:O2	7	1.83
(1,10)	1:A:20:THR:CA	2:X:3:DT:O3'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:3:DT:O4	7	1.83
(1,10)	1:A:20:THR:CA	2:X:3:DT:O4'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:3:DT:O5'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:3:DT:OP1	7	1.83
(1,10)	1:A:20:THR:CA	2:X:3:DT:OP2	7	1.83
(1,10)	1:A:20:THR:CA	2:X:3:DT:P	7	1.83
(1,10)	1:A:20:THR:CA	2:X:4:DG:C1'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:4:DG:C2	7	1.83
(1,10)	1:A:20:THR:CA	2:X:4:DG:C2'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:4:DG:C3'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:4:DG:C4	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CA	2:X:4:DG:C4'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:4:DG:C5	7	1.83
(1,10)	1:A:20:THR:CA	2:X:4:DG:C5'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:4:DG:C6	7	1.83
(1,10)	1:A:20:THR:CA	2:X:4:DG:C8	7	1.83
(1,10)	1:A:20:THR:CA	2:X:4:DG:H1	7	1.83
(1,10)	1:A:20:THR:CA	2:X:4:DG:H1'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:4:DG:H2'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:4:DG:H2''	7	1.83
(1,10)	1:A:20:THR:CA	2:X:4:DG:H21	7	1.83
(1,10)	1:A:20:THR:CA	2:X:4:DG:H22	7	1.83
(1,10)	1:A:20:THR:CA	2:X:4:DG:H3'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:4:DG:H4'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:4:DG:H5'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:4:DG:H5''	7	1.83
(1,10)	1:A:20:THR:CA	2:X:4:DG:H8	7	1.83
(1,10)	1:A:20:THR:CA	2:X:4:DG:N1	7	1.83
(1,10)	1:A:20:THR:CA	2:X:4:DG:N2	7	1.83
(1,10)	1:A:20:THR:CA	2:X:4:DG:N3	7	1.83
(1,10)	1:A:20:THR:CA	2:X:4:DG:N7	7	1.83
(1,10)	1:A:20:THR:CA	2:X:4:DG:N9	7	1.83
(1,10)	1:A:20:THR:CA	2:X:4:DG:O3'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:4:DG:O4'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:4:DG:O5'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:4:DG:O6	7	1.83
(1,10)	1:A:20:THR:CA	2:X:4:DG:OP1	7	1.83
(1,10)	1:A:20:THR:CA	2:X:4:DG:OP2	7	1.83
(1,10)	1:A:20:THR:CA	2:X:4:DG:P	7	1.83
(1,10)	1:A:20:THR:CA	2:X:5:DA:C1'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:5:DA:C2	7	1.83
(1,10)	1:A:20:THR:CA	2:X:5:DA:C2'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:5:DA:C3'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:5:DA:C4	7	1.83
(1,10)	1:A:20:THR:CA	2:X:5:DA:C4'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:5:DA:C5	7	1.83
(1,10)	1:A:20:THR:CA	2:X:5:DA:C5'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:5:DA:C6	7	1.83
(1,10)	1:A:20:THR:CA	2:X:5:DA:C8	7	1.83
(1,10)	1:A:20:THR:CA	2:X:5:DA:H1'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:5:DA:H2	7	1.83
(1,10)	1:A:20:THR:CA	2:X:5:DA:H2'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:5:DA:H2''	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CA	2:X:5:DA:H3'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:5:DA:H4'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:5:DA:H5'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:5:DA:H5''	7	1.83
(1,10)	1:A:20:THR:CA	2:X:5:DA:H61	7	1.83
(1,10)	1:A:20:THR:CA	2:X:5:DA:H62	7	1.83
(1,10)	1:A:20:THR:CA	2:X:5:DA:H8	7	1.83
(1,10)	1:A:20:THR:CA	2:X:5:DA:N1	7	1.83
(1,10)	1:A:20:THR:CA	2:X:5:DA:N3	7	1.83
(1,10)	1:A:20:THR:CA	2:X:5:DA:N6	7	1.83
(1,10)	1:A:20:THR:CA	2:X:5:DA:N7	7	1.83
(1,10)	1:A:20:THR:CA	2:X:5:DA:N9	7	1.83
(1,10)	1:A:20:THR:CA	2:X:5:DA:O3'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:5:DA:O4'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:5:DA:O5'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:5:DA:OP1	7	1.83
(1,10)	1:A:20:THR:CA	2:X:5:DA:OP2	7	1.83
(1,10)	1:A:20:THR:CA	2:X:5:DA:P	7	1.83
(1,10)	1:A:20:THR:CA	2:X:6:DT:C1'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:6:DT:C2	7	1.83
(1,10)	1:A:20:THR:CA	2:X:6:DT:C2'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:6:DT:C3'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:6:DT:C4	7	1.83
(1,10)	1:A:20:THR:CA	2:X:6:DT:C4'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:6:DT:C5	7	1.83
(1,10)	1:A:20:THR:CA	2:X:6:DT:C5'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:6:DT:C6	7	1.83
(1,10)	1:A:20:THR:CA	2:X:6:DT:C7	7	1.83
(1,10)	1:A:20:THR:CA	2:X:6:DT:H1'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:6:DT:H2'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:6:DT:H2''	7	1.83
(1,10)	1:A:20:THR:CA	2:X:6:DT:H3	7	1.83
(1,10)	1:A:20:THR:CA	2:X:6:DT:H3'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:6:DT:H4'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:6:DT:H5'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:6:DT:H5''	7	1.83
(1,10)	1:A:20:THR:CA	2:X:6:DT:H6	7	1.83
(1,10)	1:A:20:THR:CA	2:X:6:DT:H71	7	1.83
(1,10)	1:A:20:THR:CA	2:X:6:DT:H72	7	1.83
(1,10)	1:A:20:THR:CA	2:X:6:DT:H73	7	1.83
(1,10)	1:A:20:THR:CA	2:X:6:DT:N1	7	1.83
(1,10)	1:A:20:THR:CA	2:X:6:DT:N3	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CA	2:X:6:DT:O2	7	1.83
(1,10)	1:A:20:THR:CA	2:X:6:DT:O3'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:6:DT:O4	7	1.83
(1,10)	1:A:20:THR:CA	2:X:6:DT:O4'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:6:DT:O5'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:6:DT:OP1	7	1.83
(1,10)	1:A:20:THR:CA	2:X:6:DT:OP2	7	1.83
(1,10)	1:A:20:THR:CA	2:X:6:DT:P	7	1.83
(1,10)	1:A:20:THR:CA	2:X:7:DA:C1'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:7:DA:C2	7	1.83
(1,10)	1:A:20:THR:CA	2:X:7:DA:C2'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:7:DA:C3'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:7:DA:C4	7	1.83
(1,10)	1:A:20:THR:CA	2:X:7:DA:C4'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:7:DA:C5	7	1.83
(1,10)	1:A:20:THR:CA	2:X:7:DA:C5'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:7:DA:C6	7	1.83
(1,10)	1:A:20:THR:CA	2:X:7:DA:C8	7	1.83
(1,10)	1:A:20:THR:CA	2:X:7:DA:H1'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:7:DA:H2	7	1.83
(1,10)	1:A:20:THR:CA	2:X:7:DA:H2'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:7:DA:H2''	7	1.83
(1,10)	1:A:20:THR:CA	2:X:7:DA:H3'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:7:DA:H4'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:7:DA:H5'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:7:DA:H5''	7	1.83
(1,10)	1:A:20:THR:CA	2:X:7:DA:H61	7	1.83
(1,10)	1:A:20:THR:CA	2:X:7:DA:H62	7	1.83
(1,10)	1:A:20:THR:CA	2:X:7:DA:H8	7	1.83
(1,10)	1:A:20:THR:CA	2:X:7:DA:N1	7	1.83
(1,10)	1:A:20:THR:CA	2:X:7:DA:N3	7	1.83
(1,10)	1:A:20:THR:CA	2:X:7:DA:N6	7	1.83
(1,10)	1:A:20:THR:CA	2:X:7:DA:N7	7	1.83
(1,10)	1:A:20:THR:CA	2:X:7:DA:N9	7	1.83
(1,10)	1:A:20:THR:CA	2:X:7:DA:O3'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:7:DA:O4'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:7:DA:O5'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:7:DA:OP1	7	1.83
(1,10)	1:A:20:THR:CA	2:X:7:DA:OP2	7	1.83
(1,10)	1:A:20:THR:CA	2:X:7:DA:P	7	1.83
(1,10)	1:A:20:THR:CA	2:X:8:DT:C1'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:8:DT:C2	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CA	2:X:8:DT:C2'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:8:DT:C3'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:8:DT:C4	7	1.83
(1,10)	1:A:20:THR:CA	2:X:8:DT:C4'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:8:DT:C5	7	1.83
(1,10)	1:A:20:THR:CA	2:X:8:DT:C5'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:8:DT:C6	7	1.83
(1,10)	1:A:20:THR:CA	2:X:8:DT:C7	7	1.83
(1,10)	1:A:20:THR:CA	2:X:8:DT:H1'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:8:DT:H2'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:8:DT:H2''	7	1.83
(1,10)	1:A:20:THR:CA	2:X:8:DT:H3	7	1.83
(1,10)	1:A:20:THR:CA	2:X:8:DT:H3'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:8:DT:H4'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:8:DT:H5'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:8:DT:H5''	7	1.83
(1,10)	1:A:20:THR:CA	2:X:8:DT:H6	7	1.83
(1,10)	1:A:20:THR:CA	2:X:8:DT:H71	7	1.83
(1,10)	1:A:20:THR:CA	2:X:8:DT:H72	7	1.83
(1,10)	1:A:20:THR:CA	2:X:8:DT:H73	7	1.83
(1,10)	1:A:20:THR:CA	2:X:8:DT:N1	7	1.83
(1,10)	1:A:20:THR:CA	2:X:8:DT:N3	7	1.83
(1,10)	1:A:20:THR:CA	2:X:8:DT:O2	7	1.83
(1,10)	1:A:20:THR:CA	2:X:8:DT:O3'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:8:DT:O4	7	1.83
(1,10)	1:A:20:THR:CA	2:X:8:DT:O4'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:8:DT:O5'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:8:DT:OP1	7	1.83
(1,10)	1:A:20:THR:CA	2:X:8:DT:OP2	7	1.83
(1,10)	1:A:20:THR:CA	2:X:8:DT:P	7	1.83
(1,10)	1:A:20:THR:CA	2:X:9:DA:C1'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:9:DA:C2	7	1.83
(1,10)	1:A:20:THR:CA	2:X:9:DA:C2'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:9:DA:C3'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:9:DA:C4	7	1.83
(1,10)	1:A:20:THR:CA	2:X:9:DA:C4'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:9:DA:C5	7	1.83
(1,10)	1:A:20:THR:CA	2:X:9:DA:C5'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:9:DA:C6	7	1.83
(1,10)	1:A:20:THR:CA	2:X:9:DA:C8	7	1.83
(1,10)	1:A:20:THR:CA	2:X:9:DA:H1'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:9:DA:H2	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CA	2:X:9:DA:H2'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:9:DA:H2''	7	1.83
(1,10)	1:A:20:THR:CA	2:X:9:DA:H3'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:9:DA:H4'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:9:DA:H5'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:9:DA:H5''	7	1.83
(1,10)	1:A:20:THR:CA	2:X:9:DA:H61	7	1.83
(1,10)	1:A:20:THR:CA	2:X:9:DA:H62	7	1.83
(1,10)	1:A:20:THR:CA	2:X:9:DA:H8	7	1.83
(1,10)	1:A:20:THR:CA	2:X:9:DA:N1	7	1.83
(1,10)	1:A:20:THR:CA	2:X:9:DA:N3	7	1.83
(1,10)	1:A:20:THR:CA	2:X:9:DA:N6	7	1.83
(1,10)	1:A:20:THR:CA	2:X:9:DA:N7	7	1.83
(1,10)	1:A:20:THR:CA	2:X:9:DA:N9	7	1.83
(1,10)	1:A:20:THR:CA	2:X:9:DA:O3'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:9:DA:O4'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:9:DA:O5'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:9:DA:OP1	7	1.83
(1,10)	1:A:20:THR:CA	2:X:9:DA:OP2	7	1.83
(1,10)	1:A:20:THR:CA	2:X:9:DA:P	7	1.83
(1,10)	1:A:20:THR:CA	2:X:10:DT:C1'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:10:DT:C2	7	1.83
(1,10)	1:A:20:THR:CA	2:X:10:DT:C2'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:10:DT:C3'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:10:DT:C4	7	1.83
(1,10)	1:A:20:THR:CA	2:X:10:DT:C4'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:10:DT:C5	7	1.83
(1,10)	1:A:20:THR:CA	2:X:10:DT:C5'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:10:DT:C6	7	1.83
(1,10)	1:A:20:THR:CA	2:X:10:DT:C7	7	1.83
(1,10)	1:A:20:THR:CA	2:X:10:DT:H1'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:10:DT:H2'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:10:DT:H2''	7	1.83
(1,10)	1:A:20:THR:CA	2:X:10:DT:H3	7	1.83
(1,10)	1:A:20:THR:CA	2:X:10:DT:H3'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:10:DT:H4'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:10:DT:H5'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:10:DT:H5''	7	1.83
(1,10)	1:A:20:THR:CA	2:X:10:DT:H6	7	1.83
(1,10)	1:A:20:THR:CA	2:X:10:DT:H71	7	1.83
(1,10)	1:A:20:THR:CA	2:X:10:DT:H72	7	1.83
(1,10)	1:A:20:THR:CA	2:X:10:DT:H73	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CA	2:X:10:DT:N1	7	1.83
(1,10)	1:A:20:THR:CA	2:X:10:DT:N3	7	1.83
(1,10)	1:A:20:THR:CA	2:X:10:DT:O2	7	1.83
(1,10)	1:A:20:THR:CA	2:X:10:DT:O3'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:10:DT:O4	7	1.83
(1,10)	1:A:20:THR:CA	2:X:10:DT:O4'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:10:DT:O5'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:10:DT:OP1	7	1.83
(1,10)	1:A:20:THR:CA	2:X:10:DT:OP2	7	1.83
(1,10)	1:A:20:THR:CA	2:X:10:DT:P	7	1.83
(1,10)	1:A:20:THR:CA	2:X:11:DA:C1'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:11:DA:C2	7	1.83
(1,10)	1:A:20:THR:CA	2:X:11:DA:C2'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:11:DA:C3'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:11:DA:C4	7	1.83
(1,10)	1:A:20:THR:CA	2:X:11:DA:C4'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:11:DA:C5	7	1.83
(1,10)	1:A:20:THR:CA	2:X:11:DA:C5'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:11:DA:C6	7	1.83
(1,10)	1:A:20:THR:CA	2:X:11:DA:C8	7	1.83
(1,10)	1:A:20:THR:CA	2:X:11:DA:H1'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:11:DA:H2	7	1.83
(1,10)	1:A:20:THR:CA	2:X:11:DA:H2'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:11:DA:H2''	7	1.83
(1,10)	1:A:20:THR:CA	2:X:11:DA:H3'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:11:DA:H4'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:11:DA:H5'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:11:DA:H5''	7	1.83
(1,10)	1:A:20:THR:CA	2:X:11:DA:H61	7	1.83
(1,10)	1:A:20:THR:CA	2:X:11:DA:H62	7	1.83
(1,10)	1:A:20:THR:CA	2:X:11:DA:H8	7	1.83
(1,10)	1:A:20:THR:CA	2:X:11:DA:N1	7	1.83
(1,10)	1:A:20:THR:CA	2:X:11:DA:N3	7	1.83
(1,10)	1:A:20:THR:CA	2:X:11:DA:N6	7	1.83
(1,10)	1:A:20:THR:CA	2:X:11:DA:N7	7	1.83
(1,10)	1:A:20:THR:CA	2:X:11:DA:N9	7	1.83
(1,10)	1:A:20:THR:CA	2:X:11:DA:O3'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:11:DA:O4'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:11:DA:O5'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:11:DA:OP1	7	1.83
(1,10)	1:A:20:THR:CA	2:X:11:DA:OP2	7	1.83
(1,10)	1:A:20:THR:CA	2:X:11:DA:P	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CA	2:X:12:DG:C1'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:12:DG:C2	7	1.83
(1,10)	1:A:20:THR:CA	2:X:12:DG:C2'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:12:DG:C3'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:12:DG:C4	7	1.83
(1,10)	1:A:20:THR:CA	2:X:12:DG:C4'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:12:DG:C5	7	1.83
(1,10)	1:A:20:THR:CA	2:X:12:DG:C5'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:12:DG:C6	7	1.83
(1,10)	1:A:20:THR:CA	2:X:12:DG:C8	7	1.83
(1,10)	1:A:20:THR:CA	2:X:12:DG:H1	7	1.83
(1,10)	1:A:20:THR:CA	2:X:12:DG:H1'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:12:DG:H2'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:12:DG:H2''	7	1.83
(1,10)	1:A:20:THR:CA	2:X:12:DG:H21	7	1.83
(1,10)	1:A:20:THR:CA	2:X:12:DG:H22	7	1.83
(1,10)	1:A:20:THR:CA	2:X:12:DG:H3'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:12:DG:H4'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:12:DG:H5'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:12:DG:H5''	7	1.83
(1,10)	1:A:20:THR:CA	2:X:12:DG:H8	7	1.83
(1,10)	1:A:20:THR:CA	2:X:12:DG:N1	7	1.83
(1,10)	1:A:20:THR:CA	2:X:12:DG:N2	7	1.83
(1,10)	1:A:20:THR:CA	2:X:12:DG:N3	7	1.83
(1,10)	1:A:20:THR:CA	2:X:12:DG:N7	7	1.83
(1,10)	1:A:20:THR:CA	2:X:12:DG:N9	7	1.83
(1,10)	1:A:20:THR:CA	2:X:12:DG:O3'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:12:DG:O4'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:12:DG:O5'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:12:DG:O6	7	1.83
(1,10)	1:A:20:THR:CA	2:X:12:DG:OP1	7	1.83
(1,10)	1:A:20:THR:CA	2:X:12:DG:OP2	7	1.83
(1,10)	1:A:20:THR:CA	2:X:12:DG:P	7	1.83
(1,10)	1:A:20:THR:CA	2:X:13:DT:C1'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:13:DT:C2	7	1.83
(1,10)	1:A:20:THR:CA	2:X:13:DT:C2'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:13:DT:C3'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:13:DT:C4	7	1.83
(1,10)	1:A:20:THR:CA	2:X:13:DT:C4'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:13:DT:C5	7	1.83
(1,10)	1:A:20:THR:CA	2:X:13:DT:C5'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:13:DT:C6	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CA	2:X:13:DT:C7	7	1.83
(1,10)	1:A:20:THR:CA	2:X:13:DT:H1'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:13:DT:H2'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:13:DT:H2''	7	1.83
(1,10)	1:A:20:THR:CA	2:X:13:DT:H3	7	1.83
(1,10)	1:A:20:THR:CA	2:X:13:DT:H3'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:13:DT:H4'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:13:DT:H5'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:13:DT:H5''	7	1.83
(1,10)	1:A:20:THR:CA	2:X:13:DT:H6	7	1.83
(1,10)	1:A:20:THR:CA	2:X:13:DT:H71	7	1.83
(1,10)	1:A:20:THR:CA	2:X:13:DT:H72	7	1.83
(1,10)	1:A:20:THR:CA	2:X:13:DT:H73	7	1.83
(1,10)	1:A:20:THR:CA	2:X:13:DT:N1	7	1.83
(1,10)	1:A:20:THR:CA	2:X:13:DT:N3	7	1.83
(1,10)	1:A:20:THR:CA	2:X:13:DT:O2	7	1.83
(1,10)	1:A:20:THR:CA	2:X:13:DT:O3'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:13:DT:O4	7	1.83
(1,10)	1:A:20:THR:CA	2:X:13:DT:O4'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:13:DT:O5'	7	1.83
(1,10)	1:A:20:THR:CA	2:X:13:DT:OP1	7	1.83
(1,10)	1:A:20:THR:CA	2:X:13:DT:OP2	7	1.83
(1,10)	1:A:20:THR:CA	2:X:13:DT:P	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:3:DA:C1'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:3:DA:C2	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:3:DA:C2'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:3:DA:C3'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:3:DA:C4	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:3:DA:C4'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:3:DA:C5	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:3:DA:C5'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:3:DA:C6	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:3:DA:C8	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:3:DA:H1'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:3:DA:H2	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:3:DA:H2'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:3:DA:H2''	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:3:DA:H3'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:3:DA:H4'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:3:DA:H5'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:3:DA:H5''	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:3:DA:H61	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CA	3:Y:3:DA:H62	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:3:DA:H8	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:3:DA:N1	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:3:DA:N3	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:3:DA:N6	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:3:DA:N7	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:3:DA:N9	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:3:DA:O3'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:3:DA:O4'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:3:DA:O5'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:3:DA:OP1	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:3:DA:OP2	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:3:DA:P	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:4:DC:C1'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:4:DC:C2	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:4:DC:C2'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:4:DC:C3'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:4:DC:C4	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:4:DC:C4'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:4:DC:C5	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:4:DC:C5'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:4:DC:C6	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:4:DC:H1'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:4:DC:H2'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:4:DC:H2''	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:4:DC:H3'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:4:DC:H4'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:4:DC:H41	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:4:DC:H42	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:4:DC:H5	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:4:DC:H5'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:4:DC:H5''	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:4:DC:H6	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:4:DC:N1	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:4:DC:N3	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:4:DC:N4	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:4:DC:O2	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:4:DC:O3'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:4:DC:O4'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:4:DC:O5'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:4:DC:OP1	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:4:DC:OP2	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CA	3:Y:4:DC:P	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:5:DT:C1'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:5:DT:C2	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:5:DT:C2'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:5:DT:C3'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:5:DT:C4	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:5:DT:C4'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:5:DT:C5	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:5:DT:C5'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:5:DT:C6	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:5:DT:C7	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:5:DT:H1'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:5:DT:H2'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:5:DT:H2''	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:5:DT:H3	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:5:DT:H3'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:5:DT:H4'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:5:DT:H5'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:5:DT:H5''	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:5:DT:H6	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:5:DT:H71	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:5:DT:H72	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:5:DT:H73	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:5:DT:N1	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:5:DT:N3	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:5:DT:O2	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:5:DT:O3'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:5:DT:O4	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:5:DT:O4'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:5:DT:O5'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:5:DT:OP1	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:5:DT:OP2	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:5:DT:P	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:6:DA:C1'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:6:DA:C2	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:6:DA:C2'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:6:DA:C3'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:6:DA:C4	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:6:DA:C4'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:6:DA:C5	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:6:DA:C5'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:6:DA:C6	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CA	3:Y:6:DA:C8	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:6:DA:H1'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:6:DA:H2	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:6:DA:H2'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:6:DA:H2''	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:6:DA:H3'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:6:DA:H4'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:6:DA:H5'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:6:DA:H5''	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:6:DA:H61	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:6:DA:H62	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:6:DA:H8	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:6:DA:N1	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:6:DA:N3	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:6:DA:N6	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:6:DA:N7	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:6:DA:N9	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:6:DA:O3'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:6:DA:O4'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:6:DA:O5'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:6:DA:OP1	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:6:DA:OP2	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:6:DA:P	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:7:DT:C1'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:7:DT:C2	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:7:DT:C2'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:7:DT:C3'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:7:DT:C4	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:7:DT:C4'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:7:DT:C5	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:7:DT:C5'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:7:DT:C6	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:7:DT:C7	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:7:DT:H1'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:7:DT:H2'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:7:DT:H2''	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:7:DT:H3	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:7:DT:H3'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:7:DT:H4'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:7:DT:H5'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:7:DT:H5''	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:7:DT:H6	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CA	3:Y:7:DT:H71	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:7:DT:H72	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:7:DT:H73	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:7:DT:N1	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:7:DT:N3	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:7:DT:O2	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:7:DT:O3'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:7:DT:O4	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:7:DT:O4'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:7:DT:O5'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:7:DT:OP1	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:7:DT:OP2	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:7:DT:P	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:8:DA:C1'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:8:DA:C2	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:8:DA:C2'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:8:DA:C3'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:8:DA:C4	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:8:DA:C4'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:8:DA:C5	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:8:DA:C5'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:8:DA:C6	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:8:DA:C8	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:8:DA:H1'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:8:DA:H2	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:8:DA:H2'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:8:DA:H2''	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:8:DA:H3'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:8:DA:H4'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:8:DA:H5'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:8:DA:H5''	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:8:DA:H61	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:8:DA:H62	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:8:DA:H8	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:8:DA:N1	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:8:DA:N3	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:8:DA:N6	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:8:DA:N7	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:8:DA:N9	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:8:DA:O3'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:8:DA:O4'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:8:DA:O5'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CA	3:Y:8:DA:OP1	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:8:DA:OP2	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:8:DA:P	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:9:DT:C1'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:9:DT:C2	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:9:DT:C2'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:9:DT:C3'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:9:DT:C4	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:9:DT:C4'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:9:DT:C5	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:9:DT:C5'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:9:DT:C6	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:9:DT:C7	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:9:DT:H1'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:9:DT:H2'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:9:DT:H2''	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:9:DT:H3	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:9:DT:H3'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:9:DT:H4'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:9:DT:H5'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:9:DT:H5''	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:9:DT:H6	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:9:DT:H71	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:9:DT:H72	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:9:DT:H73	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:9:DT:N1	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:9:DT:N3	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:9:DT:O2	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:9:DT:O3'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:9:DT:O4	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:9:DT:O4'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:9:DT:O5'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:9:DT:OP1	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:9:DT:OP2	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:9:DT:P	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:10:DA:C1'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:10:DA:C2	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:10:DA:C2'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:10:DA:C3'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:10:DA:C4	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:10:DA:C4'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:10:DA:C5	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CA	3:Y:10:DA:C5'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:10:DA:C6	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:10:DA:C8	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:10:DA:H1'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:10:DA:H2	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:10:DA:H2'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:10:DA:H2''	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:10:DA:H3'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:10:DA:H4'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:10:DA:H5'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:10:DA:H5''	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:10:DA:H61	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:10:DA:H62	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:10:DA:H8	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:10:DA:N1	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:10:DA:N3	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:10:DA:N6	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:10:DA:N7	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:10:DA:N9	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:10:DA:O3'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:10:DA:O4'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:10:DA:O5'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:10:DA:OP1	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:10:DA:OP2	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:10:DA:P	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:11:DT:C1'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:11:DT:C2	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:11:DT:C2'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:11:DT:C3'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:11:DT:C4	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:11:DT:C4'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:11:DT:C5	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:11:DT:C5'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:11:DT:C6	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:11:DT:C7	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:11:DT:H1'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:11:DT:H2'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:11:DT:H2''	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:11:DT:H3	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:11:DT:H3'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:11:DT:H4'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:11:DT:H5'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CA	3:Y:11:DT:H5''	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:11:DT:H6	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:11:DT:H71	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:11:DT:H72	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:11:DT:H73	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:11:DT:N1	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:11:DT:N3	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:11:DT:O2	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:11:DT:O3'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:11:DT:O4	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:11:DT:O4'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:11:DT:O5'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:11:DT:OP1	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:11:DT:OP2	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:11:DT:P	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:12:DC:C1'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:12:DC:C2	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:12:DC:C2'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:12:DC:C3'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:12:DC:C4	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:12:DC:C4'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:12:DC:C5	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:12:DC:C5'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:12:DC:C6	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:12:DC:H1'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:12:DC:H2'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:12:DC:H2''	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:12:DC:H3'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:12:DC:H4'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:12:DC:H41	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:12:DC:H42	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:12:DC:H5	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:12:DC:H5'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:12:DC:H5''	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:12:DC:H6	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:12:DC:N1	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:12:DC:N3	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:12:DC:N4	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:12:DC:O2	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:12:DC:O3'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:12:DC:O4'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:12:DC:O5'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CA	3:Y:12:DC:OP1	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:12:DC:OP2	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:12:DC:P	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:13:DA:C1'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:13:DA:C2	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:13:DA:C2'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:13:DA:C3'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:13:DA:C4	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:13:DA:C4'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:13:DA:C5	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:13:DA:C5'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:13:DA:C6	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:13:DA:C8	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:13:DA:H1'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:13:DA:H2	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:13:DA:H2'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:13:DA:H2''	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:13:DA:H3'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:13:DA:H4'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:13:DA:H5'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:13:DA:H5''	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:13:DA:H61	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:13:DA:H62	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:13:DA:H8	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:13:DA:N1	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:13:DA:N3	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:13:DA:N6	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:13:DA:N7	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:13:DA:N9	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:13:DA:O3'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:13:DA:O4'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:13:DA:O5'	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:13:DA:OP1	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:13:DA:OP2	7	1.83
(1,10)	1:A:20:THR:CA	3:Y:13:DA:P	7	1.83
(1,10)	1:A:20:THR:CB	2:X:3:DT:C1'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:3:DT:C2	7	1.83
(1,10)	1:A:20:THR:CB	2:X:3:DT:C2'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:3:DT:C3'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:3:DT:C4	7	1.83
(1,10)	1:A:20:THR:CB	2:X:3:DT:C4'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:3:DT:C5	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CB	2:X:3:DT:C5'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:3:DT:C6	7	1.83
(1,10)	1:A:20:THR:CB	2:X:3:DT:C7	7	1.83
(1,10)	1:A:20:THR:CB	2:X:3:DT:H1'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:3:DT:H2'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:3:DT:H2''	7	1.83
(1,10)	1:A:20:THR:CB	2:X:3:DT:H3	7	1.83
(1,10)	1:A:20:THR:CB	2:X:3:DT:H3'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:3:DT:H4'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:3:DT:H5'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:3:DT:H5''	7	1.83
(1,10)	1:A:20:THR:CB	2:X:3:DT:H6	7	1.83
(1,10)	1:A:20:THR:CB	2:X:3:DT:H71	7	1.83
(1,10)	1:A:20:THR:CB	2:X:3:DT:H72	7	1.83
(1,10)	1:A:20:THR:CB	2:X:3:DT:H73	7	1.83
(1,10)	1:A:20:THR:CB	2:X:3:DT:N1	7	1.83
(1,10)	1:A:20:THR:CB	2:X:3:DT:N3	7	1.83
(1,10)	1:A:20:THR:CB	2:X:3:DT:O2	7	1.83
(1,10)	1:A:20:THR:CB	2:X:3:DT:O3'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:3:DT:O4	7	1.83
(1,10)	1:A:20:THR:CB	2:X:3:DT:O4'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:3:DT:O5'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:3:DT:OP1	7	1.83
(1,10)	1:A:20:THR:CB	2:X:3:DT:OP2	7	1.83
(1,10)	1:A:20:THR:CB	2:X:3:DT:P	7	1.83
(1,10)	1:A:20:THR:CB	2:X:4:DG:C1'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:4:DG:C2	7	1.83
(1,10)	1:A:20:THR:CB	2:X:4:DG:C2'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:4:DG:C3'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:4:DG:C4	7	1.83
(1,10)	1:A:20:THR:CB	2:X:4:DG:C4'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:4:DG:C5	7	1.83
(1,10)	1:A:20:THR:CB	2:X:4:DG:C5'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:4:DG:C6	7	1.83
(1,10)	1:A:20:THR:CB	2:X:4:DG:C8	7	1.83
(1,10)	1:A:20:THR:CB	2:X:4:DG:H1	7	1.83
(1,10)	1:A:20:THR:CB	2:X:4:DG:H1'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:4:DG:H2'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:4:DG:H2''	7	1.83
(1,10)	1:A:20:THR:CB	2:X:4:DG:H21	7	1.83
(1,10)	1:A:20:THR:CB	2:X:4:DG:H22	7	1.83
(1,10)	1:A:20:THR:CB	2:X:4:DG:H3'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CB	2:X:4:DG:H4'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:4:DG:H5'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:4:DG:H5''	7	1.83
(1,10)	1:A:20:THR:CB	2:X:4:DG:H8	7	1.83
(1,10)	1:A:20:THR:CB	2:X:4:DG:N1	7	1.83
(1,10)	1:A:20:THR:CB	2:X:4:DG:N2	7	1.83
(1,10)	1:A:20:THR:CB	2:X:4:DG:N3	7	1.83
(1,10)	1:A:20:THR:CB	2:X:4:DG:N7	7	1.83
(1,10)	1:A:20:THR:CB	2:X:4:DG:N9	7	1.83
(1,10)	1:A:20:THR:CB	2:X:4:DG:O3'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:4:DG:O4'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:4:DG:O5'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:4:DG:O6	7	1.83
(1,10)	1:A:20:THR:CB	2:X:4:DG:OP1	7	1.83
(1,10)	1:A:20:THR:CB	2:X:4:DG:OP2	7	1.83
(1,10)	1:A:20:THR:CB	2:X:4:DG:P	7	1.83
(1,10)	1:A:20:THR:CB	2:X:5:DA:C1'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:5:DA:C2	7	1.83
(1,10)	1:A:20:THR:CB	2:X:5:DA:C2'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:5:DA:C3'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:5:DA:C4	7	1.83
(1,10)	1:A:20:THR:CB	2:X:5:DA:C4'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:5:DA:C5	7	1.83
(1,10)	1:A:20:THR:CB	2:X:5:DA:C5'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:5:DA:C6	7	1.83
(1,10)	1:A:20:THR:CB	2:X:5:DA:C8	7	1.83
(1,10)	1:A:20:THR:CB	2:X:5:DA:H1'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:5:DA:H2	7	1.83
(1,10)	1:A:20:THR:CB	2:X:5:DA:H2'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:5:DA:H2''	7	1.83
(1,10)	1:A:20:THR:CB	2:X:5:DA:H3'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:5:DA:H4'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:5:DA:H5'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:5:DA:H5''	7	1.83
(1,10)	1:A:20:THR:CB	2:X:5:DA:H61	7	1.83
(1,10)	1:A:20:THR:CB	2:X:5:DA:H62	7	1.83
(1,10)	1:A:20:THR:CB	2:X:5:DA:H8	7	1.83
(1,10)	1:A:20:THR:CB	2:X:5:DA:N1	7	1.83
(1,10)	1:A:20:THR:CB	2:X:5:DA:N3	7	1.83
(1,10)	1:A:20:THR:CB	2:X:5:DA:N6	7	1.83
(1,10)	1:A:20:THR:CB	2:X:5:DA:N7	7	1.83
(1,10)	1:A:20:THR:CB	2:X:5:DA:N9	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CB	2:X:5:DA:O3'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:5:DA:O4'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:5:DA:O5'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:5:DA:OP1	7	1.83
(1,10)	1:A:20:THR:CB	2:X:5:DA:OP2	7	1.83
(1,10)	1:A:20:THR:CB	2:X:5:DA:P	7	1.83
(1,10)	1:A:20:THR:CB	2:X:6:DT:C1'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:6:DT:C2	7	1.83
(1,10)	1:A:20:THR:CB	2:X:6:DT:C2'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:6:DT:C3'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:6:DT:C4	7	1.83
(1,10)	1:A:20:THR:CB	2:X:6:DT:C4'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:6:DT:C5	7	1.83
(1,10)	1:A:20:THR:CB	2:X:6:DT:C5'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:6:DT:C6	7	1.83
(1,10)	1:A:20:THR:CB	2:X:6:DT:C7	7	1.83
(1,10)	1:A:20:THR:CB	2:X:6:DT:H1'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:6:DT:H2'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:6:DT:H2''	7	1.83
(1,10)	1:A:20:THR:CB	2:X:6:DT:H3	7	1.83
(1,10)	1:A:20:THR:CB	2:X:6:DT:H3'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:6:DT:H4'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:6:DT:H5'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:6:DT:H5''	7	1.83
(1,10)	1:A:20:THR:CB	2:X:6:DT:H6	7	1.83
(1,10)	1:A:20:THR:CB	2:X:6:DT:H71	7	1.83
(1,10)	1:A:20:THR:CB	2:X:6:DT:H72	7	1.83
(1,10)	1:A:20:THR:CB	2:X:6:DT:H73	7	1.83
(1,10)	1:A:20:THR:CB	2:X:6:DT:N1	7	1.83
(1,10)	1:A:20:THR:CB	2:X:6:DT:N3	7	1.83
(1,10)	1:A:20:THR:CB	2:X:6:DT:O2	7	1.83
(1,10)	1:A:20:THR:CB	2:X:6:DT:O3'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:6:DT:O4	7	1.83
(1,10)	1:A:20:THR:CB	2:X:6:DT:O4'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:6:DT:O5'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:6:DT:OP1	7	1.83
(1,10)	1:A:20:THR:CB	2:X:6:DT:OP2	7	1.83
(1,10)	1:A:20:THR:CB	2:X:6:DT:P	7	1.83
(1,10)	1:A:20:THR:CB	2:X:7:DA:C1'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:7:DA:C2	7	1.83
(1,10)	1:A:20:THR:CB	2:X:7:DA:C2'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:7:DA:C3'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CB	2:X:7:DA:C4	7	1.83
(1,10)	1:A:20:THR:CB	2:X:7:DA:C4'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:7:DA:C5	7	1.83
(1,10)	1:A:20:THR:CB	2:X:7:DA:C5'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:7:DA:C6	7	1.83
(1,10)	1:A:20:THR:CB	2:X:7:DA:C8	7	1.83
(1,10)	1:A:20:THR:CB	2:X:7:DA:H1'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:7:DA:H2	7	1.83
(1,10)	1:A:20:THR:CB	2:X:7:DA:H2'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:7:DA:H2''	7	1.83
(1,10)	1:A:20:THR:CB	2:X:7:DA:H3'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:7:DA:H4'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:7:DA:H5'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:7:DA:H5''	7	1.83
(1,10)	1:A:20:THR:CB	2:X:7:DA:H61	7	1.83
(1,10)	1:A:20:THR:CB	2:X:7:DA:H62	7	1.83
(1,10)	1:A:20:THR:CB	2:X:7:DA:H8	7	1.83
(1,10)	1:A:20:THR:CB	2:X:7:DA:N1	7	1.83
(1,10)	1:A:20:THR:CB	2:X:7:DA:N3	7	1.83
(1,10)	1:A:20:THR:CB	2:X:7:DA:N6	7	1.83
(1,10)	1:A:20:THR:CB	2:X:7:DA:N7	7	1.83
(1,10)	1:A:20:THR:CB	2:X:7:DA:N9	7	1.83
(1,10)	1:A:20:THR:CB	2:X:7:DA:O3'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:7:DA:O4'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:7:DA:O5'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:7:DA:OP1	7	1.83
(1,10)	1:A:20:THR:CB	2:X:7:DA:OP2	7	1.83
(1,10)	1:A:20:THR:CB	2:X:7:DA:P	7	1.83
(1,10)	1:A:20:THR:CB	2:X:8:DT:C1'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:8:DT:C2	7	1.83
(1,10)	1:A:20:THR:CB	2:X:8:DT:C2'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:8:DT:C3'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:8:DT:C4	7	1.83
(1,10)	1:A:20:THR:CB	2:X:8:DT:C4'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:8:DT:C5	7	1.83
(1,10)	1:A:20:THR:CB	2:X:8:DT:C5'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:8:DT:C6	7	1.83
(1,10)	1:A:20:THR:CB	2:X:8:DT:C7	7	1.83
(1,10)	1:A:20:THR:CB	2:X:8:DT:H1'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:8:DT:H2'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:8:DT:H2''	7	1.83
(1,10)	1:A:20:THR:CB	2:X:8:DT:H3	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CB	2:X:8:DT:H3'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:8:DT:H4'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:8:DT:H5'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:8:DT:H5''	7	1.83
(1,10)	1:A:20:THR:CB	2:X:8:DT:H6	7	1.83
(1,10)	1:A:20:THR:CB	2:X:8:DT:H71	7	1.83
(1,10)	1:A:20:THR:CB	2:X:8:DT:H72	7	1.83
(1,10)	1:A:20:THR:CB	2:X:8:DT:H73	7	1.83
(1,10)	1:A:20:THR:CB	2:X:8:DT:N1	7	1.83
(1,10)	1:A:20:THR:CB	2:X:8:DT:N3	7	1.83
(1,10)	1:A:20:THR:CB	2:X:8:DT:O2	7	1.83
(1,10)	1:A:20:THR:CB	2:X:8:DT:O3'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:8:DT:O4	7	1.83
(1,10)	1:A:20:THR:CB	2:X:8:DT:O4'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:8:DT:O5'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:8:DT:OP1	7	1.83
(1,10)	1:A:20:THR:CB	2:X:8:DT:OP2	7	1.83
(1,10)	1:A:20:THR:CB	2:X:8:DT:P	7	1.83
(1,10)	1:A:20:THR:CB	2:X:9:DA:C1'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:9:DA:C2	7	1.83
(1,10)	1:A:20:THR:CB	2:X:9:DA:C2'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:9:DA:C3'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:9:DA:C4	7	1.83
(1,10)	1:A:20:THR:CB	2:X:9:DA:C4'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:9:DA:C5	7	1.83
(1,10)	1:A:20:THR:CB	2:X:9:DA:C5'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:9:DA:C6	7	1.83
(1,10)	1:A:20:THR:CB	2:X:9:DA:C8	7	1.83
(1,10)	1:A:20:THR:CB	2:X:9:DA:H1'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:9:DA:H2	7	1.83
(1,10)	1:A:20:THR:CB	2:X:9:DA:H2'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:9:DA:H2''	7	1.83
(1,10)	1:A:20:THR:CB	2:X:9:DA:H3'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:9:DA:H4'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:9:DA:H5'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:9:DA:H5''	7	1.83
(1,10)	1:A:20:THR:CB	2:X:9:DA:H61	7	1.83
(1,10)	1:A:20:THR:CB	2:X:9:DA:H62	7	1.83
(1,10)	1:A:20:THR:CB	2:X:9:DA:H8	7	1.83
(1,10)	1:A:20:THR:CB	2:X:9:DA:N1	7	1.83
(1,10)	1:A:20:THR:CB	2:X:9:DA:N3	7	1.83
(1,10)	1:A:20:THR:CB	2:X:9:DA:N6	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CB	2:X:9:DA:N7	7	1.83
(1,10)	1:A:20:THR:CB	2:X:9:DA:N9	7	1.83
(1,10)	1:A:20:THR:CB	2:X:9:DA:O3'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:9:DA:O4'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:9:DA:O5'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:9:DA:OP1	7	1.83
(1,10)	1:A:20:THR:CB	2:X:9:DA:OP2	7	1.83
(1,10)	1:A:20:THR:CB	2:X:9:DA:P	7	1.83
(1,10)	1:A:20:THR:CB	2:X:10:DT:C1'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:10:DT:C2	7	1.83
(1,10)	1:A:20:THR:CB	2:X:10:DT:C2'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:10:DT:C3'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:10:DT:C4	7	1.83
(1,10)	1:A:20:THR:CB	2:X:10:DT:C4'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:10:DT:C5	7	1.83
(1,10)	1:A:20:THR:CB	2:X:10:DT:C5'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:10:DT:C6	7	1.83
(1,10)	1:A:20:THR:CB	2:X:10:DT:C7	7	1.83
(1,10)	1:A:20:THR:CB	2:X:10:DT:H1'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:10:DT:H2'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:10:DT:H2''	7	1.83
(1,10)	1:A:20:THR:CB	2:X:10:DT:H3	7	1.83
(1,10)	1:A:20:THR:CB	2:X:10:DT:H3'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:10:DT:H4'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:10:DT:H5'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:10:DT:H5''	7	1.83
(1,10)	1:A:20:THR:CB	2:X:10:DT:H6	7	1.83
(1,10)	1:A:20:THR:CB	2:X:10:DT:H71	7	1.83
(1,10)	1:A:20:THR:CB	2:X:10:DT:H72	7	1.83
(1,10)	1:A:20:THR:CB	2:X:10:DT:H73	7	1.83
(1,10)	1:A:20:THR:CB	2:X:10:DT:N1	7	1.83
(1,10)	1:A:20:THR:CB	2:X:10:DT:N3	7	1.83
(1,10)	1:A:20:THR:CB	2:X:10:DT:O2	7	1.83
(1,10)	1:A:20:THR:CB	2:X:10:DT:O3'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:10:DT:O4	7	1.83
(1,10)	1:A:20:THR:CB	2:X:10:DT:O4'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:10:DT:O5'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:10:DT:OP1	7	1.83
(1,10)	1:A:20:THR:CB	2:X:10:DT:OP2	7	1.83
(1,10)	1:A:20:THR:CB	2:X:10:DT:P	7	1.83
(1,10)	1:A:20:THR:CB	2:X:11:DA:C1'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:11:DA:C2	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CB	2:X:11:DA:C2'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:11:DA:C3'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:11:DA:C4	7	1.83
(1,10)	1:A:20:THR:CB	2:X:11:DA:C4'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:11:DA:C5	7	1.83
(1,10)	1:A:20:THR:CB	2:X:11:DA:C5'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:11:DA:C6	7	1.83
(1,10)	1:A:20:THR:CB	2:X:11:DA:C8	7	1.83
(1,10)	1:A:20:THR:CB	2:X:11:DA:H1'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:11:DA:H2	7	1.83
(1,10)	1:A:20:THR:CB	2:X:11:DA:H2'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:11:DA:H2''	7	1.83
(1,10)	1:A:20:THR:CB	2:X:11:DA:H3'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:11:DA:H4'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:11:DA:H5'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:11:DA:H5''	7	1.83
(1,10)	1:A:20:THR:CB	2:X:11:DA:H61	7	1.83
(1,10)	1:A:20:THR:CB	2:X:11:DA:H62	7	1.83
(1,10)	1:A:20:THR:CB	2:X:11:DA:H8	7	1.83
(1,10)	1:A:20:THR:CB	2:X:11:DA:N1	7	1.83
(1,10)	1:A:20:THR:CB	2:X:11:DA:N3	7	1.83
(1,10)	1:A:20:THR:CB	2:X:11:DA:N6	7	1.83
(1,10)	1:A:20:THR:CB	2:X:11:DA:N7	7	1.83
(1,10)	1:A:20:THR:CB	2:X:11:DA:N9	7	1.83
(1,10)	1:A:20:THR:CB	2:X:11:DA:O3'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:11:DA:O4'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:11:DA:O5'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:11:DA:OP1	7	1.83
(1,10)	1:A:20:THR:CB	2:X:11:DA:OP2	7	1.83
(1,10)	1:A:20:THR:CB	2:X:11:DA:P	7	1.83
(1,10)	1:A:20:THR:CB	2:X:12:DG:C1'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:12:DG:C2	7	1.83
(1,10)	1:A:20:THR:CB	2:X:12:DG:C2'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:12:DG:C3'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:12:DG:C4	7	1.83
(1,10)	1:A:20:THR:CB	2:X:12:DG:C4'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:12:DG:C5	7	1.83
(1,10)	1:A:20:THR:CB	2:X:12:DG:C5'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:12:DG:C6	7	1.83
(1,10)	1:A:20:THR:CB	2:X:12:DG:C8	7	1.83
(1,10)	1:A:20:THR:CB	2:X:12:DG:H1	7	1.83
(1,10)	1:A:20:THR:CB	2:X:12:DG:H1'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CB	2:X:12:DG:H2'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:12:DG:H2''	7	1.83
(1,10)	1:A:20:THR:CB	2:X:12:DG:H21	7	1.83
(1,10)	1:A:20:THR:CB	2:X:12:DG:H22	7	1.83
(1,10)	1:A:20:THR:CB	2:X:12:DG:H3'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:12:DG:H4'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:12:DG:H5'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:12:DG:H5''	7	1.83
(1,10)	1:A:20:THR:CB	2:X:12:DG:H8	7	1.83
(1,10)	1:A:20:THR:CB	2:X:12:DG:N1	7	1.83
(1,10)	1:A:20:THR:CB	2:X:12:DG:N2	7	1.83
(1,10)	1:A:20:THR:CB	2:X:12:DG:N3	7	1.83
(1,10)	1:A:20:THR:CB	2:X:12:DG:N7	7	1.83
(1,10)	1:A:20:THR:CB	2:X:12:DG:N9	7	1.83
(1,10)	1:A:20:THR:CB	2:X:12:DG:O3'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:12:DG:O4'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:12:DG:O5'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:12:DG:O6	7	1.83
(1,10)	1:A:20:THR:CB	2:X:12:DG:OP1	7	1.83
(1,10)	1:A:20:THR:CB	2:X:12:DG:OP2	7	1.83
(1,10)	1:A:20:THR:CB	2:X:12:DG:P	7	1.83
(1,10)	1:A:20:THR:CB	2:X:13:DT:C1'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:13:DT:C2	7	1.83
(1,10)	1:A:20:THR:CB	2:X:13:DT:C2'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:13:DT:C3'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:13:DT:C4	7	1.83
(1,10)	1:A:20:THR:CB	2:X:13:DT:C4'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:13:DT:C5	7	1.83
(1,10)	1:A:20:THR:CB	2:X:13:DT:C5'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:13:DT:C6	7	1.83
(1,10)	1:A:20:THR:CB	2:X:13:DT:C7	7	1.83
(1,10)	1:A:20:THR:CB	2:X:13:DT:H1'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:13:DT:H2'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:13:DT:H2''	7	1.83
(1,10)	1:A:20:THR:CB	2:X:13:DT:H3	7	1.83
(1,10)	1:A:20:THR:CB	2:X:13:DT:H3'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:13:DT:H4'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:13:DT:H5'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:13:DT:H5''	7	1.83
(1,10)	1:A:20:THR:CB	2:X:13:DT:H6	7	1.83
(1,10)	1:A:20:THR:CB	2:X:13:DT:H71	7	1.83
(1,10)	1:A:20:THR:CB	2:X:13:DT:H72	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CB	2:X:13:DT:H73	7	1.83
(1,10)	1:A:20:THR:CB	2:X:13:DT:N1	7	1.83
(1,10)	1:A:20:THR:CB	2:X:13:DT:N3	7	1.83
(1,10)	1:A:20:THR:CB	2:X:13:DT:O2	7	1.83
(1,10)	1:A:20:THR:CB	2:X:13:DT:O3'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:13:DT:O4	7	1.83
(1,10)	1:A:20:THR:CB	2:X:13:DT:O4'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:13:DT:O5'	7	1.83
(1,10)	1:A:20:THR:CB	2:X:13:DT:OP1	7	1.83
(1,10)	1:A:20:THR:CB	2:X:13:DT:OP2	7	1.83
(1,10)	1:A:20:THR:CB	2:X:13:DT:P	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:3:DA:C1'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:3:DA:C2	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:3:DA:C2'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:3:DA:C3'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:3:DA:C4	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:3:DA:C4'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:3:DA:C5	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:3:DA:C5'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:3:DA:C6	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:3:DA:C8	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:3:DA:H1'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:3:DA:H2	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:3:DA:H2'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:3:DA:H2''	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:3:DA:H3'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:3:DA:H4'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:3:DA:H5'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:3:DA:H5''	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:3:DA:H61	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:3:DA:H62	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:3:DA:H8	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:3:DA:N1	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:3:DA:N3	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:3:DA:N6	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:3:DA:N7	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:3:DA:N9	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:3:DA:O3'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:3:DA:O4'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:3:DA:O5'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:3:DA:OP1	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:3:DA:OP2	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CB	3:Y:3:DA:P	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:4:DC:C1'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:4:DC:C2	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:4:DC:C2'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:4:DC:C3'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:4:DC:C4	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:4:DC:C4'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:4:DC:C5	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:4:DC:C5'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:4:DC:C6	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:4:DC:H1'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:4:DC:H2'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:4:DC:H2''	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:4:DC:H3'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:4:DC:H4'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:4:DC:H41	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:4:DC:H42	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:4:DC:H5	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:4:DC:H5'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:4:DC:H5''	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:4:DC:H6	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:4:DC:N1	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:4:DC:N3	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:4:DC:N4	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:4:DC:O2	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:4:DC:O3'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:4:DC:O4'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:4:DC:O5'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:4:DC:OP1	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:4:DC:OP2	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:4:DC:P	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:5:DT:C1'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:5:DT:C2	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:5:DT:C2'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:5:DT:C3'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:5:DT:C4	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:5:DT:C4'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:5:DT:C5	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:5:DT:C5'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:5:DT:C6	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:5:DT:C7	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:5:DT:H1'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CB	3:Y:5:DT:H2'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:5:DT:H2''	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:5:DT:H3	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:5:DT:H3'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:5:DT:H4'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:5:DT:H5'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:5:DT:H5''	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:5:DT:H6	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:5:DT:H71	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:5:DT:H72	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:5:DT:H73	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:5:DT:N1	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:5:DT:N3	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:5:DT:O2	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:5:DT:O3'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:5:DT:O4	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:5:DT:O4'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:5:DT:O5'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:5:DT:OP1	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:5:DT:OP2	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:5:DT:P	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:6:DA:C1'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:6:DA:C2	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:6:DA:C2'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:6:DA:C3'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:6:DA:C4	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:6:DA:C4'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:6:DA:C5	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:6:DA:C5'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:6:DA:C6	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:6:DA:C8	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:6:DA:H1'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:6:DA:H2	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:6:DA:H2'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:6:DA:H2''	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:6:DA:H3'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:6:DA:H4'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:6:DA:H5'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:6:DA:H5''	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:6:DA:H61	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:6:DA:H62	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:6:DA:H8	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CB	3:Y:6:DA:N1	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:6:DA:N3	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:6:DA:N6	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:6:DA:N7	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:6:DA:N9	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:6:DA:O3'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:6:DA:O4'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:6:DA:O5'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:6:DA:OP1	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:6:DA:OP2	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:6:DA:P	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:7:DT:C1'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:7:DT:C2	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:7:DT:C2'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:7:DT:C3'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:7:DT:C4	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:7:DT:C4'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:7:DT:C5	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:7:DT:C5'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:7:DT:C6	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:7:DT:C7	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:7:DT:H1'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:7:DT:H2'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:7:DT:H2''	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:7:DT:H3	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:7:DT:H3'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:7:DT:H4'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:7:DT:H5'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:7:DT:H5''	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:7:DT:H6	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:7:DT:H71	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:7:DT:H72	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:7:DT:H73	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:7:DT:N1	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:7:DT:N3	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:7:DT:O2	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:7:DT:O3'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:7:DT:O4	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:7:DT:O4'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:7:DT:O5'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:7:DT:OP1	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:7:DT:OP2	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CB	3:Y:7:DT:P	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:8:DA:C1'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:8:DA:C2	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:8:DA:C2'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:8:DA:C3'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:8:DA:C4	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:8:DA:C4'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:8:DA:C5	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:8:DA:C5'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:8:DA:C6	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:8:DA:C8	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:8:DA:H1'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:8:DA:H2	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:8:DA:H2'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:8:DA:H2''	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:8:DA:H3'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:8:DA:H4'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:8:DA:H5'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:8:DA:H5''	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:8:DA:H61	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:8:DA:H62	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:8:DA:H8	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:8:DA:N1	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:8:DA:N3	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:8:DA:N6	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:8:DA:N7	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:8:DA:N9	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:8:DA:O3'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:8:DA:O4'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:8:DA:O5'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:8:DA:OP1	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:8:DA:OP2	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:8:DA:P	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:9:DT:C1'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:9:DT:C2	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:9:DT:C2'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:9:DT:C3'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:9:DT:C4	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:9:DT:C4'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:9:DT:C5	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:9:DT:C5'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:9:DT:C6	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CB	3:Y:9:DT:C7	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:9:DT:H1'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:9:DT:H2'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:9:DT:H2''	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:9:DT:H3	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:9:DT:H3'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:9:DT:H4'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:9:DT:H5'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:9:DT:H5''	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:9:DT:H6	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:9:DT:H71	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:9:DT:H72	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:9:DT:H73	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:9:DT:N1	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:9:DT:N3	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:9:DT:O2	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:9:DT:O3'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:9:DT:O4	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:9:DT:O4'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:9:DT:O5'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:9:DT:OP1	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:9:DT:OP2	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:9:DT:P	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:10:DA:C1'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:10:DA:C2	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:10:DA:C2'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:10:DA:C3'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:10:DA:C4	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:10:DA:C4'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:10:DA:C5	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:10:DA:C5'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:10:DA:C6	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:10:DA:C8	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:10:DA:H1'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:10:DA:H2	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:10:DA:H2'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:10:DA:H2''	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:10:DA:H3'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:10:DA:H4'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:10:DA:H5'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:10:DA:H5''	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:10:DA:H61	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CB	3:Y:10:DA:H62	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:10:DA:H8	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:10:DA:N1	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:10:DA:N3	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:10:DA:N6	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:10:DA:N7	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:10:DA:N9	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:10:DA:O3'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:10:DA:O4'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:10:DA:O5'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:10:DA:OP1	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:10:DA:OP2	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:10:DA:P	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:11:DT:C1'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:11:DT:C2	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:11:DT:C2'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:11:DT:C3'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:11:DT:C4	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:11:DT:C4'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:11:DT:C5	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:11:DT:C5'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:11:DT:C6	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:11:DT:C7	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:11:DT:H1'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:11:DT:H2'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:11:DT:H2''	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:11:DT:H3	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:11:DT:H3'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:11:DT:H4'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:11:DT:H5'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:11:DT:H5''	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:11:DT:H6	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:11:DT:H71	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:11:DT:H72	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:11:DT:H73	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:11:DT:N1	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:11:DT:N3	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:11:DT:O2	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:11:DT:O3'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:11:DT:O4	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:11:DT:O4'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:11:DT:O5'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CB	3:Y:11:DT:OP1	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:11:DT:OP2	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:11:DT:P	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:12:DC:C1'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:12:DC:C2	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:12:DC:C2'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:12:DC:C3'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:12:DC:C4	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:12:DC:C4'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:12:DC:C5	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:12:DC:C5'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:12:DC:C6	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:12:DC:H1'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:12:DC:H2'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:12:DC:H2''	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:12:DC:H3'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:12:DC:H4'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:12:DC:H41	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:12:DC:H42	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:12:DC:H5	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:12:DC:H5'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:12:DC:H5''	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:12:DC:H6	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:12:DC:N1	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:12:DC:N3	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:12:DC:N4	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:12:DC:O2	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:12:DC:O3'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:12:DC:O4'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:12:DC:O5'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:12:DC:OP1	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:12:DC:OP2	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:12:DC:P	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:13:DA:C1'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:13:DA:C2	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:13:DA:C2'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:13:DA:C3'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:13:DA:C4	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:13:DA:C4'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:13:DA:C5	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:13:DA:C5'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:13:DA:C6	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CB	3:Y:13:DA:C8	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:13:DA:H1'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:13:DA:H2	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:13:DA:H2'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:13:DA:H2''	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:13:DA:H3'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:13:DA:H4'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:13:DA:H5'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:13:DA:H5''	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:13:DA:H61	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:13:DA:H62	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:13:DA:H8	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:13:DA:N1	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:13:DA:N3	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:13:DA:N6	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:13:DA:N7	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:13:DA:N9	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:13:DA:O3'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:13:DA:O4'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:13:DA:O5'	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:13:DA:OP1	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:13:DA:OP2	7	1.83
(1,10)	1:A:20:THR:CB	3:Y:13:DA:P	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:3:DT:C1'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:3:DT:C2	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:3:DT:C2'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:3:DT:C3'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:3:DT:C4	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:3:DT:C4'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:3:DT:C5	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:3:DT:C5'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:3:DT:C6	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:3:DT:C7	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:3:DT:H1'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:3:DT:H2'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:3:DT:H2''	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:3:DT:H3	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:3:DT:H3'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:3:DT:H4'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:3:DT:H5'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:3:DT:H5''	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:3:DT:H6	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CG2	2:X:3:DT:H71	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:3:DT:H72	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:3:DT:H73	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:3:DT:N1	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:3:DT:N3	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:3:DT:O2	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:3:DT:O3'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:3:DT:O4	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:3:DT:O4'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:3:DT:O5'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:3:DT:OP1	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:3:DT:OP2	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:3:DT:P	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:4:DG:C1'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:4:DG:C2	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:4:DG:C2'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:4:DG:C3'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:4:DG:C4	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:4:DG:C4'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:4:DG:C5	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:4:DG:C5'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:4:DG:C6	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:4:DG:C8	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:4:DG:H1	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:4:DG:H1'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:4:DG:H2'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:4:DG:H2''	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:4:DG:H21	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:4:DG:H22	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:4:DG:H3'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:4:DG:H4'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:4:DG:H5'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:4:DG:H5''	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:4:DG:H8	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:4:DG:N1	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:4:DG:N2	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:4:DG:N3	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:4:DG:N7	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:4:DG:N9	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:4:DG:O3'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:4:DG:O4'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:4:DG:O5'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CG2	2:X:4:DG:O6	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:4:DG:OP1	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:4:DG:OP2	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:4:DG:P	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:5:DA:C1'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:5:DA:C2	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:5:DA:C2'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:5:DA:C3'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:5:DA:C4	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:5:DA:C4'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:5:DA:C5	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:5:DA:C5'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:5:DA:C6	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:5:DA:C8	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:5:DA:H1'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:5:DA:H2	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:5:DA:H2'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:5:DA:H2''	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:5:DA:H3'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:5:DA:H4'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:5:DA:H5'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:5:DA:H5''	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:5:DA:H61	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:5:DA:H62	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:5:DA:H8	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:5:DA:N1	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:5:DA:N3	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:5:DA:N6	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:5:DA:N7	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:5:DA:N9	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:5:DA:O3'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:5:DA:O4'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:5:DA:O5'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:5:DA:OP1	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:5:DA:OP2	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:5:DA:P	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:6:DT:C1'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:6:DT:C2	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:6:DT:C2'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:6:DT:C3'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:6:DT:C4	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:6:DT:C4'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CG2	2:X:6:DT:C5	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:6:DT:C5'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:6:DT:C6	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:6:DT:C7	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:6:DT:H1'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:6:DT:H2'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:6:DT:H2''	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:6:DT:H3	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:6:DT:H3'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:6:DT:H4'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:6:DT:H5'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:6:DT:H5''	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:6:DT:H6	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:6:DT:H71	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:6:DT:H72	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:6:DT:H73	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:6:DT:N1	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:6:DT:N3	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:6:DT:O2	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:6:DT:O3'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:6:DT:O4	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:6:DT:O4'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:6:DT:O5'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:6:DT:OP1	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:6:DT:OP2	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:6:DT:P	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:7:DA:C1'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:7:DA:C2	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:7:DA:C2'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:7:DA:C3'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:7:DA:C4	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:7:DA:C4'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:7:DA:C5	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:7:DA:C5'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:7:DA:C6	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:7:DA:C8	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:7:DA:H1'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:7:DA:H2	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:7:DA:H2'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:7:DA:H2''	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:7:DA:H3'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:7:DA:H4'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CG2	2:X:7:DA:H5'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:7:DA:H5''	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:7:DA:H61	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:7:DA:H62	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:7:DA:H8	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:7:DA:N1	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:7:DA:N3	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:7:DA:N6	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:7:DA:N7	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:7:DA:N9	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:7:DA:O3'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:7:DA:O4'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:7:DA:O5'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:7:DA:OP1	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:7:DA:OP2	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:7:DA:P	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:8:DT:C1'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:8:DT:C2	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:8:DT:C2'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:8:DT:C3'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:8:DT:C4	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:8:DT:C4'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:8:DT:C5	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:8:DT:C5'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:8:DT:C6	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:8:DT:C7	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:8:DT:H1'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:8:DT:H2'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:8:DT:H2''	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:8:DT:H3	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:8:DT:H3'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:8:DT:H4'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:8:DT:H5'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:8:DT:H5''	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:8:DT:H6	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:8:DT:H71	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:8:DT:H72	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:8:DT:H73	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:8:DT:N1	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:8:DT:N3	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:8:DT:O2	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:8:DT:O3'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CG2	2:X:8:DT:O4	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:8:DT:O4'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:8:DT:O5'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:8:DT:OP1	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:8:DT:OP2	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:8:DT:P	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:9:DA:C1'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:9:DA:C2	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:9:DA:C2'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:9:DA:C3'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:9:DA:C4	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:9:DA:C4'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:9:DA:C5	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:9:DA:C5'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:9:DA:C6	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:9:DA:C8	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:9:DA:H1'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:9:DA:H2	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:9:DA:H2'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:9:DA:H2''	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:9:DA:H3'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:9:DA:H4'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:9:DA:H5'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:9:DA:H5''	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:9:DA:H61	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:9:DA:H62	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:9:DA:H8	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:9:DA:N1	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:9:DA:N3	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:9:DA:N6	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:9:DA:N7	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:9:DA:N9	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:9:DA:O3'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:9:DA:O4'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:9:DA:O5'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:9:DA:OP1	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:9:DA:OP2	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:9:DA:P	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:10:DT:C1'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:10:DT:C2	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:10:DT:C2'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:10:DT:C3'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CG2	2:X:10:DT:C4	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:10:DT:C4'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:10:DT:C5	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:10:DT:C5'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:10:DT:C6	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:10:DT:C7	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:10:DT:H1'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:10:DT:H2'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:10:DT:H2''	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:10:DT:H3	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:10:DT:H3'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:10:DT:H4'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:10:DT:H5'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:10:DT:H5''	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:10:DT:H6	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:10:DT:H71	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:10:DT:H72	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:10:DT:H73	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:10:DT:N1	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:10:DT:N3	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:10:DT:O2	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:10:DT:O3'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:10:DT:O4	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:10:DT:O4'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:10:DT:O5'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:10:DT:OP1	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:10:DT:OP2	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:10:DT:P	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:11:DA:C1'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:11:DA:C2	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:11:DA:C2'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:11:DA:C3'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:11:DA:C4	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:11:DA:C4'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:11:DA:C5	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:11:DA:C5'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:11:DA:C6	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:11:DA:C8	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:11:DA:H1'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:11:DA:H2	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:11:DA:H2'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:11:DA:H2''	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CG2	2:X:11:DA:H3'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:11:DA:H4'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:11:DA:H5'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:11:DA:H5''	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:11:DA:H61	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:11:DA:H62	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:11:DA:H8	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:11:DA:N1	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:11:DA:N3	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:11:DA:N6	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:11:DA:N7	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:11:DA:N9	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:11:DA:O3'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:11:DA:O4'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:11:DA:O5'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:11:DA:OP1	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:11:DA:OP2	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:11:DA:P	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:12:DG:C1'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:12:DG:C2	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:12:DG:C2'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:12:DG:C3'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:12:DG:C4	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:12:DG:C4'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:12:DG:C5	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:12:DG:C5'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:12:DG:C6	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:12:DG:C8	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:12:DG:H1	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:12:DG:H1'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:12:DG:H2'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:12:DG:H2''	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:12:DG:H21	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:12:DG:H22	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:12:DG:H3'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:12:DG:H4'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:12:DG:H5'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:12:DG:H5''	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:12:DG:H8	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:12:DG:N1	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:12:DG:N2	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:12:DG:N3	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CG2	2:X:12:DG:N7	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:12:DG:N9	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:12:DG:O3'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:12:DG:O4'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:12:DG:O5'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:12:DG:O6	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:12:DG:OP1	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:12:DG:OP2	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:12:DG:P	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:13:DT:C1'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:13:DT:C2	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:13:DT:C2'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:13:DT:C3'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:13:DT:C4	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:13:DT:C4'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:13:DT:C5	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:13:DT:C5'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:13:DT:C6	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:13:DT:C7	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:13:DT:H1'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:13:DT:H2'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:13:DT:H2''	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:13:DT:H3	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:13:DT:H3'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:13:DT:H4'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:13:DT:H5'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:13:DT:H5''	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:13:DT:H6	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:13:DT:H71	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:13:DT:H72	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:13:DT:H73	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:13:DT:N1	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:13:DT:N3	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:13:DT:O2	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:13:DT:O3'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:13:DT:O4	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:13:DT:O4'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:13:DT:O5'	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:13:DT:OP1	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:13:DT:OP2	7	1.83
(1,10)	1:A:20:THR:CG2	2:X:13:DT:P	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:C1'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:C2	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:C2'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:C3'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:C4	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:C4'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:C5	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:C5'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:C6	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:C8	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:H1'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:H2	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:H2'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:H2''	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:H3'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:H4'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:H5'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:H5''	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:H61	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:H62	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:H8	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:N1	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:N3	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:N6	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:N7	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:N9	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:O3'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:O4'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:O5'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:OP1	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:OP2	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:3:DA:P	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:C1'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:C2	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:C2'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:C3'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:C4	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:C4'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:C5	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:C5'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:C6	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:H1'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:H2'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:H2''	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:H3'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:H4'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:H41	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:H42	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:H5	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:H5'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:H5''	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:H6	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:N1	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:N3	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:N4	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:O2	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:O3'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:O4'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:O5'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:OP1	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:OP2	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:4:DC:P	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:C1'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:C2	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:C2'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:C3'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:C4	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:C4'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:C5	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:C5'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:C6	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:C7	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:H1'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:H2'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:H2''	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:H3	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:H3'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:H4'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:H5'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:H5''	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:H6	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:H71	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:H72	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:H73	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:N1	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:N3	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:O2	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:O3'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:O4	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:O4'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:O5'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:OP1	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:OP2	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:5:DT:P	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:C1'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:C2	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:C2'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:C3'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:C4	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:C4'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:C5	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:C5'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:C6	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:C8	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:H1'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:H2	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:H2'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:H2''	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:H3'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:H4'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:H5'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:H5''	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:H61	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:H62	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:H8	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:N1	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:N3	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:N6	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:N7	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:N9	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:O3'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:O4'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:O5'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:OP1	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:OP2	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:6:DA:P	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:C1'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:C2	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:C2'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:C3'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:C4	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:C4'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:C5	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:C5'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:C6	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:C7	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:H1'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:H2'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:H2''	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:H3	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:H3'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:H4'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:H5'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:H5''	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:H6	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:H71	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:H72	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:H73	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:N1	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:N3	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:O2	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:O3'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:O4	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:O4'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:O5'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:OP1	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:OP2	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:7:DT:P	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:C1'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:C2	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:C2'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:C3'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:C4	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:C4'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:C5	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:C5'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:C6	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:C8	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:H1'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:H2	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:H2'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:H2''	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:H3'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:H4'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:H5'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:H5''	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:H61	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:H62	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:H8	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:N1	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:N3	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:N6	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:N7	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:N9	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:O3'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:O4'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:O5'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:OP1	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:OP2	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:8:DA:P	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:C1'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:C2	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:C2'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:C3'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:C4	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:C4'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:C5	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:C5'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:C6	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:C7	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:H1'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:H2'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:H2''	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:H3	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:H3'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:H4'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:H5'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:H5''	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:H6	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:H71	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:H72	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:H73	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:N1	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:N3	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:O2	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:O3'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:O4	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:O4'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:O5'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:OP1	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:OP2	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:9:DT:P	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:C1'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:C2	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:C2'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:C3'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:C4	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:C4'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:C5	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:C5'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:C6	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:C8	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:H1'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:H2	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:H2'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:H2''	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:H3'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:H4'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:H5'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:H5''	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:H61	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:H62	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:H8	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:N1	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:N3	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:N6	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:N7	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:N9	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:O3'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:O4'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:O5'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:OP1	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:OP2	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CG2	3:Y:10:DA:P	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:C1'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:C2	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:C2'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:C3'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:C4	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:C4'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:C5	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:C5'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:C6	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:C7	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:H1'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:H2'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:H2''	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:H3	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:H3'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:H4'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:H5'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:H5''	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:H6	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:H71	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:H72	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:H73	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:N1	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:N3	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:O2	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:O3'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:O4	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:O4'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:O5'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:OP1	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:OP2	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:11:DT:P	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:C1'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:C2	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:C2'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:C3'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:C4	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:C4'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:C5	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:C5'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:C6	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:H1'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:H2'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:H2''	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:H3'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:H4'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:H41	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:H42	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:H5	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:H5'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:H5''	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:H6	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:N1	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:N3	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:N4	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:O2	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:O3'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:O4'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:O5'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:OP1	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:OP2	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:12:DC:P	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:C1'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:C2	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:C2'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:C3'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:C4	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:C4'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:C5	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:C5'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:C6	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:C8	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:H1'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:H2	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:H2'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:H2''	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:H3'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:H4'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:H5'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:H5''	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:H61	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:H62	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:H8	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:N1	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:N3	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:N6	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:N7	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:N9	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:O3'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:O4'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:O5'	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:OP1	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:OP2	7	1.83
(1,10)	1:A:20:THR:CG2	3:Y:13:DA:P	7	1.83
(1,10)	1:A:20:THR:H	2:X:3:DT:C1'	7	1.83
(1,10)	1:A:20:THR:H	2:X:3:DT:C2	7	1.83
(1,10)	1:A:20:THR:H	2:X:3:DT:C2'	7	1.83
(1,10)	1:A:20:THR:H	2:X:3:DT:C3'	7	1.83
(1,10)	1:A:20:THR:H	2:X:3:DT:C4	7	1.83
(1,10)	1:A:20:THR:H	2:X:3:DT:C4'	7	1.83
(1,10)	1:A:20:THR:H	2:X:3:DT:C5	7	1.83
(1,10)	1:A:20:THR:H	2:X:3:DT:C5'	7	1.83
(1,10)	1:A:20:THR:H	2:X:3:DT:C6	7	1.83
(1,10)	1:A:20:THR:H	2:X:3:DT:C7	7	1.83
(1,10)	1:A:20:THR:H	2:X:3:DT:H1'	7	1.83
(1,10)	1:A:20:THR:H	2:X:3:DT:H2'	7	1.83
(1,10)	1:A:20:THR:H	2:X:3:DT:H2''	7	1.83
(1,10)	1:A:20:THR:H	2:X:3:DT:H3	7	1.83
(1,10)	1:A:20:THR:H	2:X:3:DT:H3'	7	1.83
(1,10)	1:A:20:THR:H	2:X:3:DT:H4'	7	1.83
(1,10)	1:A:20:THR:H	2:X:3:DT:H5'	7	1.83
(1,10)	1:A:20:THR:H	2:X:3:DT:H5''	7	1.83
(1,10)	1:A:20:THR:H	2:X:3:DT:H6	7	1.83
(1,10)	1:A:20:THR:H	2:X:3:DT:H71	7	1.83
(1,10)	1:A:20:THR:H	2:X:3:DT:H72	7	1.83
(1,10)	1:A:20:THR:H	2:X:3:DT:H73	7	1.83
(1,10)	1:A:20:THR:H	2:X:3:DT:N1	7	1.83
(1,10)	1:A:20:THR:H	2:X:3:DT:N3	7	1.83
(1,10)	1:A:20:THR:H	2:X:3:DT:O2	7	1.83
(1,10)	1:A:20:THR:H	2:X:3:DT:O3'	7	1.83
(1,10)	1:A:20:THR:H	2:X:3:DT:O4	7	1.83
(1,10)	1:A:20:THR:H	2:X:3:DT:O4'	7	1.83
(1,10)	1:A:20:THR:H	2:X:3:DT:O5'	7	1.83
(1,10)	1:A:20:THR:H	2:X:3:DT:OP1	7	1.83
(1,10)	1:A:20:THR:H	2:X:3:DT:OP2	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:H	2:X:3:DT:P	7	1.83
(1,10)	1:A:20:THR:H	2:X:4:DG:C1'	7	1.83
(1,10)	1:A:20:THR:H	2:X:4:DG:C2	7	1.83
(1,10)	1:A:20:THR:H	2:X:4:DG:C2'	7	1.83
(1,10)	1:A:20:THR:H	2:X:4:DG:C3'	7	1.83
(1,10)	1:A:20:THR:H	2:X:4:DG:C4	7	1.83
(1,10)	1:A:20:THR:H	2:X:4:DG:C4'	7	1.83
(1,10)	1:A:20:THR:H	2:X:4:DG:C5	7	1.83
(1,10)	1:A:20:THR:H	2:X:4:DG:C5'	7	1.83
(1,10)	1:A:20:THR:H	2:X:4:DG:C6	7	1.83
(1,10)	1:A:20:THR:H	2:X:4:DG:C8	7	1.83
(1,10)	1:A:20:THR:H	2:X:4:DG:H1	7	1.83
(1,10)	1:A:20:THR:H	2:X:4:DG:H1'	7	1.83
(1,10)	1:A:20:THR:H	2:X:4:DG:H2'	7	1.83
(1,10)	1:A:20:THR:H	2:X:4:DG:H2''	7	1.83
(1,10)	1:A:20:THR:H	2:X:4:DG:H21	7	1.83
(1,10)	1:A:20:THR:H	2:X:4:DG:H22	7	1.83
(1,10)	1:A:20:THR:H	2:X:4:DG:H3'	7	1.83
(1,10)	1:A:20:THR:H	2:X:4:DG:H4'	7	1.83
(1,10)	1:A:20:THR:H	2:X:4:DG:H5'	7	1.83
(1,10)	1:A:20:THR:H	2:X:4:DG:H5''	7	1.83
(1,10)	1:A:20:THR:H	2:X:4:DG:H8	7	1.83
(1,10)	1:A:20:THR:H	2:X:4:DG:N1	7	1.83
(1,10)	1:A:20:THR:H	2:X:4:DG:N2	7	1.83
(1,10)	1:A:20:THR:H	2:X:4:DG:N3	7	1.83
(1,10)	1:A:20:THR:H	2:X:4:DG:N7	7	1.83
(1,10)	1:A:20:THR:H	2:X:4:DG:N9	7	1.83
(1,10)	1:A:20:THR:H	2:X:4:DG:O3'	7	1.83
(1,10)	1:A:20:THR:H	2:X:4:DG:O4'	7	1.83
(1,10)	1:A:20:THR:H	2:X:4:DG:O5'	7	1.83
(1,10)	1:A:20:THR:H	2:X:4:DG:O6	7	1.83
(1,10)	1:A:20:THR:H	2:X:4:DG:OP1	7	1.83
(1,10)	1:A:20:THR:H	2:X:4:DG:OP2	7	1.83
(1,10)	1:A:20:THR:H	2:X:4:DG:P	7	1.83
(1,10)	1:A:20:THR:H	2:X:5:DA:C1'	7	1.83
(1,10)	1:A:20:THR:H	2:X:5:DA:C2	7	1.83
(1,10)	1:A:20:THR:H	2:X:5:DA:C2'	7	1.83
(1,10)	1:A:20:THR:H	2:X:5:DA:C3'	7	1.83
(1,10)	1:A:20:THR:H	2:X:5:DA:C4	7	1.83
(1,10)	1:A:20:THR:H	2:X:5:DA:C4'	7	1.83
(1,10)	1:A:20:THR:H	2:X:5:DA:C5	7	1.83
(1,10)	1:A:20:THR:H	2:X:5:DA:C5'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:H	2:X:5:DA:C6	7	1.83
(1,10)	1:A:20:THR:H	2:X:5:DA:C8	7	1.83
(1,10)	1:A:20:THR:H	2:X:5:DA:H1'	7	1.83
(1,10)	1:A:20:THR:H	2:X:5:DA:H2	7	1.83
(1,10)	1:A:20:THR:H	2:X:5:DA:H2'	7	1.83
(1,10)	1:A:20:THR:H	2:X:5:DA:H2''	7	1.83
(1,10)	1:A:20:THR:H	2:X:5:DA:H3'	7	1.83
(1,10)	1:A:20:THR:H	2:X:5:DA:H4'	7	1.83
(1,10)	1:A:20:THR:H	2:X:5:DA:H5'	7	1.83
(1,10)	1:A:20:THR:H	2:X:5:DA:H5''	7	1.83
(1,10)	1:A:20:THR:H	2:X:5:DA:H61	7	1.83
(1,10)	1:A:20:THR:H	2:X:5:DA:H62	7	1.83
(1,10)	1:A:20:THR:H	2:X:5:DA:H8	7	1.83
(1,10)	1:A:20:THR:H	2:X:5:DA:N1	7	1.83
(1,10)	1:A:20:THR:H	2:X:5:DA:N3	7	1.83
(1,10)	1:A:20:THR:H	2:X:5:DA:N6	7	1.83
(1,10)	1:A:20:THR:H	2:X:5:DA:N7	7	1.83
(1,10)	1:A:20:THR:H	2:X:5:DA:N9	7	1.83
(1,10)	1:A:20:THR:H	2:X:5:DA:O3'	7	1.83
(1,10)	1:A:20:THR:H	2:X:5:DA:O4'	7	1.83
(1,10)	1:A:20:THR:H	2:X:5:DA:O5'	7	1.83
(1,10)	1:A:20:THR:H	2:X:5:DA:OP1	7	1.83
(1,10)	1:A:20:THR:H	2:X:5:DA:OP2	7	1.83
(1,10)	1:A:20:THR:H	2:X:5:DA:P	7	1.83
(1,10)	1:A:20:THR:H	2:X:6:DT:C1'	7	1.83
(1,10)	1:A:20:THR:H	2:X:6:DT:C2	7	1.83
(1,10)	1:A:20:THR:H	2:X:6:DT:C2'	7	1.83
(1,10)	1:A:20:THR:H	2:X:6:DT:C3'	7	1.83
(1,10)	1:A:20:THR:H	2:X:6:DT:C4	7	1.83
(1,10)	1:A:20:THR:H	2:X:6:DT:C4'	7	1.83
(1,10)	1:A:20:THR:H	2:X:6:DT:C5	7	1.83
(1,10)	1:A:20:THR:H	2:X:6:DT:C5'	7	1.83
(1,10)	1:A:20:THR:H	2:X:6:DT:C6	7	1.83
(1,10)	1:A:20:THR:H	2:X:6:DT:C7	7	1.83
(1,10)	1:A:20:THR:H	2:X:6:DT:H1'	7	1.83
(1,10)	1:A:20:THR:H	2:X:6:DT:H2'	7	1.83
(1,10)	1:A:20:THR:H	2:X:6:DT:H2''	7	1.83
(1,10)	1:A:20:THR:H	2:X:6:DT:H3	7	1.83
(1,10)	1:A:20:THR:H	2:X:6:DT:H3'	7	1.83
(1,10)	1:A:20:THR:H	2:X:6:DT:H4'	7	1.83
(1,10)	1:A:20:THR:H	2:X:6:DT:H5'	7	1.83
(1,10)	1:A:20:THR:H	2:X:6:DT:H5''	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:H	2:X:6:DT:H6	7	1.83
(1,10)	1:A:20:THR:H	2:X:6:DT:H71	7	1.83
(1,10)	1:A:20:THR:H	2:X:6:DT:H72	7	1.83
(1,10)	1:A:20:THR:H	2:X:6:DT:H73	7	1.83
(1,10)	1:A:20:THR:H	2:X:6:DT:N1	7	1.83
(1,10)	1:A:20:THR:H	2:X:6:DT:N3	7	1.83
(1,10)	1:A:20:THR:H	2:X:6:DT:O2	7	1.83
(1,10)	1:A:20:THR:H	2:X:6:DT:O3'	7	1.83
(1,10)	1:A:20:THR:H	2:X:6:DT:O4	7	1.83
(1,10)	1:A:20:THR:H	2:X:6:DT:O4'	7	1.83
(1,10)	1:A:20:THR:H	2:X:6:DT:O5'	7	1.83
(1,10)	1:A:20:THR:H	2:X:6:DT:OP1	7	1.83
(1,10)	1:A:20:THR:H	2:X:6:DT:OP2	7	1.83
(1,10)	1:A:20:THR:H	2:X:6:DT:P	7	1.83
(1,10)	1:A:20:THR:H	2:X:7:DA:C1'	7	1.83
(1,10)	1:A:20:THR:H	2:X:7:DA:C2	7	1.83
(1,10)	1:A:20:THR:H	2:X:7:DA:C2'	7	1.83
(1,10)	1:A:20:THR:H	2:X:7:DA:C3'	7	1.83
(1,10)	1:A:20:THR:H	2:X:7:DA:C4	7	1.83
(1,10)	1:A:20:THR:H	2:X:7:DA:C4'	7	1.83
(1,10)	1:A:20:THR:H	2:X:7:DA:C5	7	1.83
(1,10)	1:A:20:THR:H	2:X:7:DA:C5'	7	1.83
(1,10)	1:A:20:THR:H	2:X:7:DA:C6	7	1.83
(1,10)	1:A:20:THR:H	2:X:7:DA:C8	7	1.83
(1,10)	1:A:20:THR:H	2:X:7:DA:H1'	7	1.83
(1,10)	1:A:20:THR:H	2:X:7:DA:H2	7	1.83
(1,10)	1:A:20:THR:H	2:X:7:DA:H2'	7	1.83
(1,10)	1:A:20:THR:H	2:X:7:DA:H2''	7	1.83
(1,10)	1:A:20:THR:H	2:X:7:DA:H3'	7	1.83
(1,10)	1:A:20:THR:H	2:X:7:DA:H4'	7	1.83
(1,10)	1:A:20:THR:H	2:X:7:DA:H5'	7	1.83
(1,10)	1:A:20:THR:H	2:X:7:DA:H5''	7	1.83
(1,10)	1:A:20:THR:H	2:X:7:DA:H61	7	1.83
(1,10)	1:A:20:THR:H	2:X:7:DA:H62	7	1.83
(1,10)	1:A:20:THR:H	2:X:7:DA:H8	7	1.83
(1,10)	1:A:20:THR:H	2:X:7:DA:N1	7	1.83
(1,10)	1:A:20:THR:H	2:X:7:DA:N3	7	1.83
(1,10)	1:A:20:THR:H	2:X:7:DA:N6	7	1.83
(1,10)	1:A:20:THR:H	2:X:7:DA:N7	7	1.83
(1,10)	1:A:20:THR:H	2:X:7:DA:N9	7	1.83
(1,10)	1:A:20:THR:H	2:X:7:DA:O3'	7	1.83
(1,10)	1:A:20:THR:H	2:X:7:DA:O4'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:H	2:X:7:DA:O5'	7	1.83
(1,10)	1:A:20:THR:H	2:X:7:DA:OP1	7	1.83
(1,10)	1:A:20:THR:H	2:X:7:DA:OP2	7	1.83
(1,10)	1:A:20:THR:H	2:X:7:DA:P	7	1.83
(1,10)	1:A:20:THR:H	2:X:8:DT:C1'	7	1.83
(1,10)	1:A:20:THR:H	2:X:8:DT:C2	7	1.83
(1,10)	1:A:20:THR:H	2:X:8:DT:C2'	7	1.83
(1,10)	1:A:20:THR:H	2:X:8:DT:C3'	7	1.83
(1,10)	1:A:20:THR:H	2:X:8:DT:C4	7	1.83
(1,10)	1:A:20:THR:H	2:X:8:DT:C4'	7	1.83
(1,10)	1:A:20:THR:H	2:X:8:DT:C5	7	1.83
(1,10)	1:A:20:THR:H	2:X:8:DT:C5'	7	1.83
(1,10)	1:A:20:THR:H	2:X:8:DT:C6	7	1.83
(1,10)	1:A:20:THR:H	2:X:8:DT:C7	7	1.83
(1,10)	1:A:20:THR:H	2:X:8:DT:H1'	7	1.83
(1,10)	1:A:20:THR:H	2:X:8:DT:H2'	7	1.83
(1,10)	1:A:20:THR:H	2:X:8:DT:H2''	7	1.83
(1,10)	1:A:20:THR:H	2:X:8:DT:H3	7	1.83
(1,10)	1:A:20:THR:H	2:X:8:DT:H3'	7	1.83
(1,10)	1:A:20:THR:H	2:X:8:DT:H4'	7	1.83
(1,10)	1:A:20:THR:H	2:X:8:DT:H5'	7	1.83
(1,10)	1:A:20:THR:H	2:X:8:DT:H5''	7	1.83
(1,10)	1:A:20:THR:H	2:X:8:DT:H6	7	1.83
(1,10)	1:A:20:THR:H	2:X:8:DT:H71	7	1.83
(1,10)	1:A:20:THR:H	2:X:8:DT:H72	7	1.83
(1,10)	1:A:20:THR:H	2:X:8:DT:H73	7	1.83
(1,10)	1:A:20:THR:H	2:X:8:DT:N1	7	1.83
(1,10)	1:A:20:THR:H	2:X:8:DT:N3	7	1.83
(1,10)	1:A:20:THR:H	2:X:8:DT:O2	7	1.83
(1,10)	1:A:20:THR:H	2:X:8:DT:O3'	7	1.83
(1,10)	1:A:20:THR:H	2:X:8:DT:O4	7	1.83
(1,10)	1:A:20:THR:H	2:X:8:DT:O4'	7	1.83
(1,10)	1:A:20:THR:H	2:X:8:DT:O5'	7	1.83
(1,10)	1:A:20:THR:H	2:X:8:DT:OP1	7	1.83
(1,10)	1:A:20:THR:H	2:X:8:DT:OP2	7	1.83
(1,10)	1:A:20:THR:H	2:X:8:DT:P	7	1.83
(1,10)	1:A:20:THR:H	2:X:9:DA:C1'	7	1.83
(1,10)	1:A:20:THR:H	2:X:9:DA:C2	7	1.83
(1,10)	1:A:20:THR:H	2:X:9:DA:C2'	7	1.83
(1,10)	1:A:20:THR:H	2:X:9:DA:C3'	7	1.83
(1,10)	1:A:20:THR:H	2:X:9:DA:C4	7	1.83
(1,10)	1:A:20:THR:H	2:X:9:DA:C4'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:H	2:X:9:DA:C5	7	1.83
(1,10)	1:A:20:THR:H	2:X:9:DA:C5'	7	1.83
(1,10)	1:A:20:THR:H	2:X:9:DA:C6	7	1.83
(1,10)	1:A:20:THR:H	2:X:9:DA:C8	7	1.83
(1,10)	1:A:20:THR:H	2:X:9:DA:H1'	7	1.83
(1,10)	1:A:20:THR:H	2:X:9:DA:H2	7	1.83
(1,10)	1:A:20:THR:H	2:X:9:DA:H2'	7	1.83
(1,10)	1:A:20:THR:H	2:X:9:DA:H2''	7	1.83
(1,10)	1:A:20:THR:H	2:X:9:DA:H3'	7	1.83
(1,10)	1:A:20:THR:H	2:X:9:DA:H4'	7	1.83
(1,10)	1:A:20:THR:H	2:X:9:DA:H5'	7	1.83
(1,10)	1:A:20:THR:H	2:X:9:DA:H5''	7	1.83
(1,10)	1:A:20:THR:H	2:X:9:DA:H61	7	1.83
(1,10)	1:A:20:THR:H	2:X:9:DA:H62	7	1.83
(1,10)	1:A:20:THR:H	2:X:9:DA:H8	7	1.83
(1,10)	1:A:20:THR:H	2:X:9:DA:N1	7	1.83
(1,10)	1:A:20:THR:H	2:X:9:DA:N3	7	1.83
(1,10)	1:A:20:THR:H	2:X:9:DA:N6	7	1.83
(1,10)	1:A:20:THR:H	2:X:9:DA:N7	7	1.83
(1,10)	1:A:20:THR:H	2:X:9:DA:N9	7	1.83
(1,10)	1:A:20:THR:H	2:X:9:DA:O3'	7	1.83
(1,10)	1:A:20:THR:H	2:X:9:DA:O4'	7	1.83
(1,10)	1:A:20:THR:H	2:X:9:DA:O5'	7	1.83
(1,10)	1:A:20:THR:H	2:X:9:DA:OP1	7	1.83
(1,10)	1:A:20:THR:H	2:X:9:DA:OP2	7	1.83
(1,10)	1:A:20:THR:H	2:X:9:DA:P	7	1.83
(1,10)	1:A:20:THR:H	2:X:10:DT:C1'	7	1.83
(1,10)	1:A:20:THR:H	2:X:10:DT:C2	7	1.83
(1,10)	1:A:20:THR:H	2:X:10:DT:C2'	7	1.83
(1,10)	1:A:20:THR:H	2:X:10:DT:C3'	7	1.83
(1,10)	1:A:20:THR:H	2:X:10:DT:C4	7	1.83
(1,10)	1:A:20:THR:H	2:X:10:DT:C4'	7	1.83
(1,10)	1:A:20:THR:H	2:X:10:DT:C5	7	1.83
(1,10)	1:A:20:THR:H	2:X:10:DT:C5'	7	1.83
(1,10)	1:A:20:THR:H	2:X:10:DT:C6	7	1.83
(1,10)	1:A:20:THR:H	2:X:10:DT:C7	7	1.83
(1,10)	1:A:20:THR:H	2:X:10:DT:H1'	7	1.83
(1,10)	1:A:20:THR:H	2:X:10:DT:H2'	7	1.83
(1,10)	1:A:20:THR:H	2:X:10:DT:H2''	7	1.83
(1,10)	1:A:20:THR:H	2:X:10:DT:H3	7	1.83
(1,10)	1:A:20:THR:H	2:X:10:DT:H3'	7	1.83
(1,10)	1:A:20:THR:H	2:X:10:DT:H4'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:H	2:X:10:DT:H5'	7	1.83
(1,10)	1:A:20:THR:H	2:X:10:DT:H5''	7	1.83
(1,10)	1:A:20:THR:H	2:X:10:DT:H6	7	1.83
(1,10)	1:A:20:THR:H	2:X:10:DT:H71	7	1.83
(1,10)	1:A:20:THR:H	2:X:10:DT:H72	7	1.83
(1,10)	1:A:20:THR:H	2:X:10:DT:H73	7	1.83
(1,10)	1:A:20:THR:H	2:X:10:DT:N1	7	1.83
(1,10)	1:A:20:THR:H	2:X:10:DT:N3	7	1.83
(1,10)	1:A:20:THR:H	2:X:10:DT:O2	7	1.83
(1,10)	1:A:20:THR:H	2:X:10:DT:O3'	7	1.83
(1,10)	1:A:20:THR:H	2:X:10:DT:O4	7	1.83
(1,10)	1:A:20:THR:H	2:X:10:DT:O4'	7	1.83
(1,10)	1:A:20:THR:H	2:X:10:DT:O5'	7	1.83
(1,10)	1:A:20:THR:H	2:X:10:DT:OP1	7	1.83
(1,10)	1:A:20:THR:H	2:X:10:DT:OP2	7	1.83
(1,10)	1:A:20:THR:H	2:X:10:DT:P	7	1.83
(1,10)	1:A:20:THR:H	2:X:11:DA:C1'	7	1.83
(1,10)	1:A:20:THR:H	2:X:11:DA:C2	7	1.83
(1,10)	1:A:20:THR:H	2:X:11:DA:C2'	7	1.83
(1,10)	1:A:20:THR:H	2:X:11:DA:C3'	7	1.83
(1,10)	1:A:20:THR:H	2:X:11:DA:C4	7	1.83
(1,10)	1:A:20:THR:H	2:X:11:DA:C4'	7	1.83
(1,10)	1:A:20:THR:H	2:X:11:DA:C5	7	1.83
(1,10)	1:A:20:THR:H	2:X:11:DA:C5'	7	1.83
(1,10)	1:A:20:THR:H	2:X:11:DA:C6	7	1.83
(1,10)	1:A:20:THR:H	2:X:11:DA:C8	7	1.83
(1,10)	1:A:20:THR:H	2:X:11:DA:H1'	7	1.83
(1,10)	1:A:20:THR:H	2:X:11:DA:H2	7	1.83
(1,10)	1:A:20:THR:H	2:X:11:DA:H2'	7	1.83
(1,10)	1:A:20:THR:H	2:X:11:DA:H2''	7	1.83
(1,10)	1:A:20:THR:H	2:X:11:DA:H3'	7	1.83
(1,10)	1:A:20:THR:H	2:X:11:DA:H4'	7	1.83
(1,10)	1:A:20:THR:H	2:X:11:DA:H5'	7	1.83
(1,10)	1:A:20:THR:H	2:X:11:DA:H5''	7	1.83
(1,10)	1:A:20:THR:H	2:X:11:DA:H61	7	1.83
(1,10)	1:A:20:THR:H	2:X:11:DA:H62	7	1.83
(1,10)	1:A:20:THR:H	2:X:11:DA:H8	7	1.83
(1,10)	1:A:20:THR:H	2:X:11:DA:N1	7	1.83
(1,10)	1:A:20:THR:H	2:X:11:DA:N3	7	1.83
(1,10)	1:A:20:THR:H	2:X:11:DA:N6	7	1.83
(1,10)	1:A:20:THR:H	2:X:11:DA:N7	7	1.83
(1,10)	1:A:20:THR:H	2:X:11:DA:N9	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:H	2:X:11:DA:O3'	7	1.83
(1,10)	1:A:20:THR:H	2:X:11:DA:O4'	7	1.83
(1,10)	1:A:20:THR:H	2:X:11:DA:O5'	7	1.83
(1,10)	1:A:20:THR:H	2:X:11:DA:OP1	7	1.83
(1,10)	1:A:20:THR:H	2:X:11:DA:OP2	7	1.83
(1,10)	1:A:20:THR:H	2:X:11:DA:P	7	1.83
(1,10)	1:A:20:THR:H	2:X:12:DG:C1'	7	1.83
(1,10)	1:A:20:THR:H	2:X:12:DG:C2	7	1.83
(1,10)	1:A:20:THR:H	2:X:12:DG:C2'	7	1.83
(1,10)	1:A:20:THR:H	2:X:12:DG:C3'	7	1.83
(1,10)	1:A:20:THR:H	2:X:12:DG:C4	7	1.83
(1,10)	1:A:20:THR:H	2:X:12:DG:C4'	7	1.83
(1,10)	1:A:20:THR:H	2:X:12:DG:C5	7	1.83
(1,10)	1:A:20:THR:H	2:X:12:DG:C5'	7	1.83
(1,10)	1:A:20:THR:H	2:X:12:DG:C6	7	1.83
(1,10)	1:A:20:THR:H	2:X:12:DG:C8	7	1.83
(1,10)	1:A:20:THR:H	2:X:12:DG:H1	7	1.83
(1,10)	1:A:20:THR:H	2:X:12:DG:H1'	7	1.83
(1,10)	1:A:20:THR:H	2:X:12:DG:H2'	7	1.83
(1,10)	1:A:20:THR:H	2:X:12:DG:H2''	7	1.83
(1,10)	1:A:20:THR:H	2:X:12:DG:H21	7	1.83
(1,10)	1:A:20:THR:H	2:X:12:DG:H22	7	1.83
(1,10)	1:A:20:THR:H	2:X:12:DG:H3'	7	1.83
(1,10)	1:A:20:THR:H	2:X:12:DG:H4'	7	1.83
(1,10)	1:A:20:THR:H	2:X:12:DG:H5'	7	1.83
(1,10)	1:A:20:THR:H	2:X:12:DG:H5''	7	1.83
(1,10)	1:A:20:THR:H	2:X:12:DG:H8	7	1.83
(1,10)	1:A:20:THR:H	2:X:12:DG:N1	7	1.83
(1,10)	1:A:20:THR:H	2:X:12:DG:N2	7	1.83
(1,10)	1:A:20:THR:H	2:X:12:DG:N3	7	1.83
(1,10)	1:A:20:THR:H	2:X:12:DG:N7	7	1.83
(1,10)	1:A:20:THR:H	2:X:12:DG:N9	7	1.83
(1,10)	1:A:20:THR:H	2:X:12:DG:O3'	7	1.83
(1,10)	1:A:20:THR:H	2:X:12:DG:O4'	7	1.83
(1,10)	1:A:20:THR:H	2:X:12:DG:O5'	7	1.83
(1,10)	1:A:20:THR:H	2:X:12:DG:O6	7	1.83
(1,10)	1:A:20:THR:H	2:X:12:DG:OP1	7	1.83
(1,10)	1:A:20:THR:H	2:X:12:DG:OP2	7	1.83
(1,10)	1:A:20:THR:H	2:X:12:DG:P	7	1.83
(1,10)	1:A:20:THR:H	2:X:13:DT:C1'	7	1.83
(1,10)	1:A:20:THR:H	2:X:13:DT:C2	7	1.83
(1,10)	1:A:20:THR:H	2:X:13:DT:C2'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:H	2:X:13:DT:C3'	7	1.83
(1,10)	1:A:20:THR:H	2:X:13:DT:C4	7	1.83
(1,10)	1:A:20:THR:H	2:X:13:DT:C4'	7	1.83
(1,10)	1:A:20:THR:H	2:X:13:DT:C5	7	1.83
(1,10)	1:A:20:THR:H	2:X:13:DT:C5'	7	1.83
(1,10)	1:A:20:THR:H	2:X:13:DT:C6	7	1.83
(1,10)	1:A:20:THR:H	2:X:13:DT:C7	7	1.83
(1,10)	1:A:20:THR:H	2:X:13:DT:H1'	7	1.83
(1,10)	1:A:20:THR:H	2:X:13:DT:H2'	7	1.83
(1,10)	1:A:20:THR:H	2:X:13:DT:H2''	7	1.83
(1,10)	1:A:20:THR:H	2:X:13:DT:H3	7	1.83
(1,10)	1:A:20:THR:H	2:X:13:DT:H3'	7	1.83
(1,10)	1:A:20:THR:H	2:X:13:DT:H4'	7	1.83
(1,10)	1:A:20:THR:H	2:X:13:DT:H5'	7	1.83
(1,10)	1:A:20:THR:H	2:X:13:DT:H5''	7	1.83
(1,10)	1:A:20:THR:H	2:X:13:DT:H6	7	1.83
(1,10)	1:A:20:THR:H	2:X:13:DT:H71	7	1.83
(1,10)	1:A:20:THR:H	2:X:13:DT:H72	7	1.83
(1,10)	1:A:20:THR:H	2:X:13:DT:H73	7	1.83
(1,10)	1:A:20:THR:H	2:X:13:DT:N1	7	1.83
(1,10)	1:A:20:THR:H	2:X:13:DT:N3	7	1.83
(1,10)	1:A:20:THR:H	2:X:13:DT:O2	7	1.83
(1,10)	1:A:20:THR:H	2:X:13:DT:O3'	7	1.83
(1,10)	1:A:20:THR:H	2:X:13:DT:O4	7	1.83
(1,10)	1:A:20:THR:H	2:X:13:DT:O4'	7	1.83
(1,10)	1:A:20:THR:H	2:X:13:DT:O5'	7	1.83
(1,10)	1:A:20:THR:H	2:X:13:DT:OP1	7	1.83
(1,10)	1:A:20:THR:H	2:X:13:DT:OP2	7	1.83
(1,10)	1:A:20:THR:H	2:X:13:DT:P	7	1.83
(1,10)	1:A:20:THR:H	3:Y:3:DA:C1'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:3:DA:C2	7	1.83
(1,10)	1:A:20:THR:H	3:Y:3:DA:C2'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:3:DA:C3'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:3:DA:C4	7	1.83
(1,10)	1:A:20:THR:H	3:Y:3:DA:C4'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:3:DA:C5	7	1.83
(1,10)	1:A:20:THR:H	3:Y:3:DA:C5'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:3:DA:C6	7	1.83
(1,10)	1:A:20:THR:H	3:Y:3:DA:C8	7	1.83
(1,10)	1:A:20:THR:H	3:Y:3:DA:H1'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:3:DA:H2	7	1.83
(1,10)	1:A:20:THR:H	3:Y:3:DA:H2'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:H	3:Y:3:DA:H2''	7	1.83
(1,10)	1:A:20:THR:H	3:Y:3:DA:H3'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:3:DA:H4'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:3:DA:H5'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:3:DA:H5''	7	1.83
(1,10)	1:A:20:THR:H	3:Y:3:DA:H61	7	1.83
(1,10)	1:A:20:THR:H	3:Y:3:DA:H62	7	1.83
(1,10)	1:A:20:THR:H	3:Y:3:DA:H8	7	1.83
(1,10)	1:A:20:THR:H	3:Y:3:DA:N1	7	1.83
(1,10)	1:A:20:THR:H	3:Y:3:DA:N3	7	1.83
(1,10)	1:A:20:THR:H	3:Y:3:DA:N6	7	1.83
(1,10)	1:A:20:THR:H	3:Y:3:DA:N7	7	1.83
(1,10)	1:A:20:THR:H	3:Y:3:DA:N9	7	1.83
(1,10)	1:A:20:THR:H	3:Y:3:DA:O3'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:3:DA:O4'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:3:DA:O5'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:3:DA:OP1	7	1.83
(1,10)	1:A:20:THR:H	3:Y:3:DA:OP2	7	1.83
(1,10)	1:A:20:THR:H	3:Y:3:DA:P	7	1.83
(1,10)	1:A:20:THR:H	3:Y:4:DC:C1'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:4:DC:C2	7	1.83
(1,10)	1:A:20:THR:H	3:Y:4:DC:C2'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:4:DC:C3'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:4:DC:C4	7	1.83
(1,10)	1:A:20:THR:H	3:Y:4:DC:C4'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:4:DC:C5	7	1.83
(1,10)	1:A:20:THR:H	3:Y:4:DC:C5'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:4:DC:C6	7	1.83
(1,10)	1:A:20:THR:H	3:Y:4:DC:H1'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:4:DC:H2'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:4:DC:H2''	7	1.83
(1,10)	1:A:20:THR:H	3:Y:4:DC:H3'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:4:DC:H4'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:4:DC:H41	7	1.83
(1,10)	1:A:20:THR:H	3:Y:4:DC:H42	7	1.83
(1,10)	1:A:20:THR:H	3:Y:4:DC:H5	7	1.83
(1,10)	1:A:20:THR:H	3:Y:4:DC:H5'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:4:DC:H5''	7	1.83
(1,10)	1:A:20:THR:H	3:Y:4:DC:H6	7	1.83
(1,10)	1:A:20:THR:H	3:Y:4:DC:N1	7	1.83
(1,10)	1:A:20:THR:H	3:Y:4:DC:N3	7	1.83
(1,10)	1:A:20:THR:H	3:Y:4:DC:N4	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:H	3:Y:4:DC:O2	7	1.83
(1,10)	1:A:20:THR:H	3:Y:4:DC:O3'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:4:DC:O4'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:4:DC:O5'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:4:DC:OP1	7	1.83
(1,10)	1:A:20:THR:H	3:Y:4:DC:OP2	7	1.83
(1,10)	1:A:20:THR:H	3:Y:4:DC:P	7	1.83
(1,10)	1:A:20:THR:H	3:Y:5:DT:C1'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:5:DT:C2	7	1.83
(1,10)	1:A:20:THR:H	3:Y:5:DT:C2'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:5:DT:C3'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:5:DT:C4	7	1.83
(1,10)	1:A:20:THR:H	3:Y:5:DT:C4'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:5:DT:C5	7	1.83
(1,10)	1:A:20:THR:H	3:Y:5:DT:C5'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:5:DT:C6	7	1.83
(1,10)	1:A:20:THR:H	3:Y:5:DT:C7	7	1.83
(1,10)	1:A:20:THR:H	3:Y:5:DT:H1'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:5:DT:H2'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:5:DT:H2''	7	1.83
(1,10)	1:A:20:THR:H	3:Y:5:DT:H3	7	1.83
(1,10)	1:A:20:THR:H	3:Y:5:DT:H3'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:5:DT:H4'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:5:DT:H5'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:5:DT:H5''	7	1.83
(1,10)	1:A:20:THR:H	3:Y:5:DT:H6	7	1.83
(1,10)	1:A:20:THR:H	3:Y:5:DT:H71	7	1.83
(1,10)	1:A:20:THR:H	3:Y:5:DT:H72	7	1.83
(1,10)	1:A:20:THR:H	3:Y:5:DT:H73	7	1.83
(1,10)	1:A:20:THR:H	3:Y:5:DT:N1	7	1.83
(1,10)	1:A:20:THR:H	3:Y:5:DT:N3	7	1.83
(1,10)	1:A:20:THR:H	3:Y:5:DT:O2	7	1.83
(1,10)	1:A:20:THR:H	3:Y:5:DT:O3'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:5:DT:O4	7	1.83
(1,10)	1:A:20:THR:H	3:Y:5:DT:O4'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:5:DT:O5'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:5:DT:OP1	7	1.83
(1,10)	1:A:20:THR:H	3:Y:5:DT:OP2	7	1.83
(1,10)	1:A:20:THR:H	3:Y:5:DT:P	7	1.83
(1,10)	1:A:20:THR:H	3:Y:6:DA:C1'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:6:DA:C2	7	1.83
(1,10)	1:A:20:THR:H	3:Y:6:DA:C2'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:H	3:Y:6:DA:C3'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:6:DA:C4	7	1.83
(1,10)	1:A:20:THR:H	3:Y:6:DA:C4'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:6:DA:C5	7	1.83
(1,10)	1:A:20:THR:H	3:Y:6:DA:C5'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:6:DA:C6	7	1.83
(1,10)	1:A:20:THR:H	3:Y:6:DA:C8	7	1.83
(1,10)	1:A:20:THR:H	3:Y:6:DA:H1'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:6:DA:H2	7	1.83
(1,10)	1:A:20:THR:H	3:Y:6:DA:H2'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:6:DA:H2''	7	1.83
(1,10)	1:A:20:THR:H	3:Y:6:DA:H3'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:6:DA:H4'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:6:DA:H5'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:6:DA:H5''	7	1.83
(1,10)	1:A:20:THR:H	3:Y:6:DA:H61	7	1.83
(1,10)	1:A:20:THR:H	3:Y:6:DA:H62	7	1.83
(1,10)	1:A:20:THR:H	3:Y:6:DA:H8	7	1.83
(1,10)	1:A:20:THR:H	3:Y:6:DA:N1	7	1.83
(1,10)	1:A:20:THR:H	3:Y:6:DA:N3	7	1.83
(1,10)	1:A:20:THR:H	3:Y:6:DA:N6	7	1.83
(1,10)	1:A:20:THR:H	3:Y:6:DA:N7	7	1.83
(1,10)	1:A:20:THR:H	3:Y:6:DA:N9	7	1.83
(1,10)	1:A:20:THR:H	3:Y:6:DA:O3'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:6:DA:O4'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:6:DA:O5'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:6:DA:OP1	7	1.83
(1,10)	1:A:20:THR:H	3:Y:6:DA:OP2	7	1.83
(1,10)	1:A:20:THR:H	3:Y:6:DA:P	7	1.83
(1,10)	1:A:20:THR:H	3:Y:7:DT:C1'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:7:DT:C2	7	1.83
(1,10)	1:A:20:THR:H	3:Y:7:DT:C2'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:7:DT:C3'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:7:DT:C4	7	1.83
(1,10)	1:A:20:THR:H	3:Y:7:DT:C4'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:7:DT:C5	7	1.83
(1,10)	1:A:20:THR:H	3:Y:7:DT:C5'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:7:DT:C6	7	1.83
(1,10)	1:A:20:THR:H	3:Y:7:DT:C7	7	1.83
(1,10)	1:A:20:THR:H	3:Y:7:DT:H1'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:7:DT:H2'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:7:DT:H2''	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:H	3:Y:7:DT:H3	7	1.83
(1,10)	1:A:20:THR:H	3:Y:7:DT:H3'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:7:DT:H4'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:7:DT:H5'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:7:DT:H5''	7	1.83
(1,10)	1:A:20:THR:H	3:Y:7:DT:H6	7	1.83
(1,10)	1:A:20:THR:H	3:Y:7:DT:H71	7	1.83
(1,10)	1:A:20:THR:H	3:Y:7:DT:H72	7	1.83
(1,10)	1:A:20:THR:H	3:Y:7:DT:H73	7	1.83
(1,10)	1:A:20:THR:H	3:Y:7:DT:N1	7	1.83
(1,10)	1:A:20:THR:H	3:Y:7:DT:N3	7	1.83
(1,10)	1:A:20:THR:H	3:Y:7:DT:O2	7	1.83
(1,10)	1:A:20:THR:H	3:Y:7:DT:O3'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:7:DT:O4	7	1.83
(1,10)	1:A:20:THR:H	3:Y:7:DT:O4'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:7:DT:O5'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:7:DT:OP1	7	1.83
(1,10)	1:A:20:THR:H	3:Y:7:DT:OP2	7	1.83
(1,10)	1:A:20:THR:H	3:Y:7:DT:P	7	1.83
(1,10)	1:A:20:THR:H	3:Y:8:DA:C1'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:8:DA:C2	7	1.83
(1,10)	1:A:20:THR:H	3:Y:8:DA:C2'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:8:DA:C3'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:8:DA:C4	7	1.83
(1,10)	1:A:20:THR:H	3:Y:8:DA:C4'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:8:DA:C5	7	1.83
(1,10)	1:A:20:THR:H	3:Y:8:DA:C5'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:8:DA:C6	7	1.83
(1,10)	1:A:20:THR:H	3:Y:8:DA:C8	7	1.83
(1,10)	1:A:20:THR:H	3:Y:8:DA:H1'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:8:DA:H2	7	1.83
(1,10)	1:A:20:THR:H	3:Y:8:DA:H2'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:8:DA:H2''	7	1.83
(1,10)	1:A:20:THR:H	3:Y:8:DA:H3'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:8:DA:H4'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:8:DA:H5'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:8:DA:H5''	7	1.83
(1,10)	1:A:20:THR:H	3:Y:8:DA:H61	7	1.83
(1,10)	1:A:20:THR:H	3:Y:8:DA:H62	7	1.83
(1,10)	1:A:20:THR:H	3:Y:8:DA:H8	7	1.83
(1,10)	1:A:20:THR:H	3:Y:8:DA:N1	7	1.83
(1,10)	1:A:20:THR:H	3:Y:8:DA:N3	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:H	3:Y:8:DA:N6	7	1.83
(1,10)	1:A:20:THR:H	3:Y:8:DA:N7	7	1.83
(1,10)	1:A:20:THR:H	3:Y:8:DA:N9	7	1.83
(1,10)	1:A:20:THR:H	3:Y:8:DA:O3'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:8:DA:O4'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:8:DA:O5'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:8:DA:OP1	7	1.83
(1,10)	1:A:20:THR:H	3:Y:8:DA:OP2	7	1.83
(1,10)	1:A:20:THR:H	3:Y:8:DA:P	7	1.83
(1,10)	1:A:20:THR:H	3:Y:9:DT:C1'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:9:DT:C2	7	1.83
(1,10)	1:A:20:THR:H	3:Y:9:DT:C2'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:9:DT:C3'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:9:DT:C4	7	1.83
(1,10)	1:A:20:THR:H	3:Y:9:DT:C4'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:9:DT:C5	7	1.83
(1,10)	1:A:20:THR:H	3:Y:9:DT:C5'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:9:DT:C6	7	1.83
(1,10)	1:A:20:THR:H	3:Y:9:DT:C7	7	1.83
(1,10)	1:A:20:THR:H	3:Y:9:DT:H1'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:9:DT:H2'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:9:DT:H2''	7	1.83
(1,10)	1:A:20:THR:H	3:Y:9:DT:H3	7	1.83
(1,10)	1:A:20:THR:H	3:Y:9:DT:H3'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:9:DT:H4'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:9:DT:H5'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:9:DT:H5''	7	1.83
(1,10)	1:A:20:THR:H	3:Y:9:DT:H6	7	1.83
(1,10)	1:A:20:THR:H	3:Y:9:DT:H71	7	1.83
(1,10)	1:A:20:THR:H	3:Y:9:DT:H72	7	1.83
(1,10)	1:A:20:THR:H	3:Y:9:DT:H73	7	1.83
(1,10)	1:A:20:THR:H	3:Y:9:DT:N1	7	1.83
(1,10)	1:A:20:THR:H	3:Y:9:DT:N3	7	1.83
(1,10)	1:A:20:THR:H	3:Y:9:DT:O2	7	1.83
(1,10)	1:A:20:THR:H	3:Y:9:DT:O3'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:9:DT:O4	7	1.83
(1,10)	1:A:20:THR:H	3:Y:9:DT:O4'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:9:DT:O5'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:9:DT:OP1	7	1.83
(1,10)	1:A:20:THR:H	3:Y:9:DT:OP2	7	1.83
(1,10)	1:A:20:THR:H	3:Y:9:DT:P	7	1.83
(1,10)	1:A:20:THR:H	3:Y:10:DA:C1'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:H	3:Y:10:DA:C2	7	1.83
(1,10)	1:A:20:THR:H	3:Y:10:DA:C2'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:10:DA:C3'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:10:DA:C4	7	1.83
(1,10)	1:A:20:THR:H	3:Y:10:DA:C4'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:10:DA:C5	7	1.83
(1,10)	1:A:20:THR:H	3:Y:10:DA:C5'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:10:DA:C6	7	1.83
(1,10)	1:A:20:THR:H	3:Y:10:DA:C8	7	1.83
(1,10)	1:A:20:THR:H	3:Y:10:DA:H1'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:10:DA:H2	7	1.83
(1,10)	1:A:20:THR:H	3:Y:10:DA:H2'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:10:DA:H2''	7	1.83
(1,10)	1:A:20:THR:H	3:Y:10:DA:H3'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:10:DA:H4'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:10:DA:H5'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:10:DA:H5''	7	1.83
(1,10)	1:A:20:THR:H	3:Y:10:DA:H61	7	1.83
(1,10)	1:A:20:THR:H	3:Y:10:DA:H62	7	1.83
(1,10)	1:A:20:THR:H	3:Y:10:DA:H8	7	1.83
(1,10)	1:A:20:THR:H	3:Y:10:DA:N1	7	1.83
(1,10)	1:A:20:THR:H	3:Y:10:DA:N3	7	1.83
(1,10)	1:A:20:THR:H	3:Y:10:DA:N6	7	1.83
(1,10)	1:A:20:THR:H	3:Y:10:DA:N7	7	1.83
(1,10)	1:A:20:THR:H	3:Y:10:DA:N9	7	1.83
(1,10)	1:A:20:THR:H	3:Y:10:DA:O3'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:10:DA:O4'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:10:DA:O5'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:10:DA:OP1	7	1.83
(1,10)	1:A:20:THR:H	3:Y:10:DA:OP2	7	1.83
(1,10)	1:A:20:THR:H	3:Y:10:DA:P	7	1.83
(1,10)	1:A:20:THR:H	3:Y:11:DT:C1'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:11:DT:C2	7	1.83
(1,10)	1:A:20:THR:H	3:Y:11:DT:C2'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:11:DT:C3'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:11:DT:C4	7	1.83
(1,10)	1:A:20:THR:H	3:Y:11:DT:C4'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:11:DT:C5	7	1.83
(1,10)	1:A:20:THR:H	3:Y:11:DT:C5'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:11:DT:C6	7	1.83
(1,10)	1:A:20:THR:H	3:Y:11:DT:C7	7	1.83
(1,10)	1:A:20:THR:H	3:Y:11:DT:H1'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:H	3:Y:11:DT:H2'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:11:DT:H2''	7	1.83
(1,10)	1:A:20:THR:H	3:Y:11:DT:H3	7	1.83
(1,10)	1:A:20:THR:H	3:Y:11:DT:H3'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:11:DT:H4'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:11:DT:H5'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:11:DT:H5''	7	1.83
(1,10)	1:A:20:THR:H	3:Y:11:DT:H6	7	1.83
(1,10)	1:A:20:THR:H	3:Y:11:DT:H71	7	1.83
(1,10)	1:A:20:THR:H	3:Y:11:DT:H72	7	1.83
(1,10)	1:A:20:THR:H	3:Y:11:DT:H73	7	1.83
(1,10)	1:A:20:THR:H	3:Y:11:DT:N1	7	1.83
(1,10)	1:A:20:THR:H	3:Y:11:DT:N3	7	1.83
(1,10)	1:A:20:THR:H	3:Y:11:DT:O2	7	1.83
(1,10)	1:A:20:THR:H	3:Y:11:DT:O3'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:11:DT:O4	7	1.83
(1,10)	1:A:20:THR:H	3:Y:11:DT:O4'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:11:DT:O5'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:11:DT:OP1	7	1.83
(1,10)	1:A:20:THR:H	3:Y:11:DT:OP2	7	1.83
(1,10)	1:A:20:THR:H	3:Y:11:DT:P	7	1.83
(1,10)	1:A:20:THR:H	3:Y:12:DC:C1'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:12:DC:C2	7	1.83
(1,10)	1:A:20:THR:H	3:Y:12:DC:C2'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:12:DC:C3'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:12:DC:C4	7	1.83
(1,10)	1:A:20:THR:H	3:Y:12:DC:C4'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:12:DC:C5	7	1.83
(1,10)	1:A:20:THR:H	3:Y:12:DC:C5'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:12:DC:C6	7	1.83
(1,10)	1:A:20:THR:H	3:Y:12:DC:H1'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:12:DC:H2'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:12:DC:H2''	7	1.83
(1,10)	1:A:20:THR:H	3:Y:12:DC:H3'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:12:DC:H4'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:12:DC:H41	7	1.83
(1,10)	1:A:20:THR:H	3:Y:12:DC:H42	7	1.83
(1,10)	1:A:20:THR:H	3:Y:12:DC:H5	7	1.83
(1,10)	1:A:20:THR:H	3:Y:12:DC:H5'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:12:DC:H5''	7	1.83
(1,10)	1:A:20:THR:H	3:Y:12:DC:H6	7	1.83
(1,10)	1:A:20:THR:H	3:Y:12:DC:N1	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:H	3:Y:12:DC:N3	7	1.83
(1,10)	1:A:20:THR:H	3:Y:12:DC:N4	7	1.83
(1,10)	1:A:20:THR:H	3:Y:12:DC:O2	7	1.83
(1,10)	1:A:20:THR:H	3:Y:12:DC:O3'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:12:DC:O4'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:12:DC:O5'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:12:DC:OP1	7	1.83
(1,10)	1:A:20:THR:H	3:Y:12:DC:OP2	7	1.83
(1,10)	1:A:20:THR:H	3:Y:12:DC:P	7	1.83
(1,10)	1:A:20:THR:H	3:Y:13:DA:C1'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:13:DA:C2	7	1.83
(1,10)	1:A:20:THR:H	3:Y:13:DA:C2'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:13:DA:C3'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:13:DA:C4	7	1.83
(1,10)	1:A:20:THR:H	3:Y:13:DA:C4'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:13:DA:C5	7	1.83
(1,10)	1:A:20:THR:H	3:Y:13:DA:C5'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:13:DA:C6	7	1.83
(1,10)	1:A:20:THR:H	3:Y:13:DA:C8	7	1.83
(1,10)	1:A:20:THR:H	3:Y:13:DA:H1'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:13:DA:H2	7	1.83
(1,10)	1:A:20:THR:H	3:Y:13:DA:H2'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:13:DA:H2''	7	1.83
(1,10)	1:A:20:THR:H	3:Y:13:DA:H3'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:13:DA:H4'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:13:DA:H5'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:13:DA:H5''	7	1.83
(1,10)	1:A:20:THR:H	3:Y:13:DA:H61	7	1.83
(1,10)	1:A:20:THR:H	3:Y:13:DA:H62	7	1.83
(1,10)	1:A:20:THR:H	3:Y:13:DA:H8	7	1.83
(1,10)	1:A:20:THR:H	3:Y:13:DA:N1	7	1.83
(1,10)	1:A:20:THR:H	3:Y:13:DA:N3	7	1.83
(1,10)	1:A:20:THR:H	3:Y:13:DA:N6	7	1.83
(1,10)	1:A:20:THR:H	3:Y:13:DA:N7	7	1.83
(1,10)	1:A:20:THR:H	3:Y:13:DA:N9	7	1.83
(1,10)	1:A:20:THR:H	3:Y:13:DA:O3'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:13:DA:O4'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:13:DA:O5'	7	1.83
(1,10)	1:A:20:THR:H	3:Y:13:DA:OP1	7	1.83
(1,10)	1:A:20:THR:H	3:Y:13:DA:OP2	7	1.83
(1,10)	1:A:20:THR:H	3:Y:13:DA:P	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:3:DT:C1'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:HG1	2:X:3:DT:C2	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:3:DT:C2'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:3:DT:C3'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:3:DT:C4	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:3:DT:C4'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:3:DT:C5	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:3:DT:C5'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:3:DT:C6	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:3:DT:C7	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:3:DT:H1'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:3:DT:H2'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:3:DT:H2''	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:3:DT:H3	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:3:DT:H3'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:3:DT:H4'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:3:DT:H5'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:3:DT:H5''	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:3:DT:H6	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:3:DT:H71	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:3:DT:H72	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:3:DT:H73	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:3:DT:N1	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:3:DT:N3	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:3:DT:O2	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:3:DT:O3'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:3:DT:O4	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:3:DT:O4'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:3:DT:O5'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:3:DT:OP1	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:3:DT:OP2	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:3:DT:P	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:4:DG:C1'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:4:DG:C2	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:4:DG:C2'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:4:DG:C3'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:4:DG:C4	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:4:DG:C4'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:4:DG:C5	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:4:DG:C5'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:4:DG:C6	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:4:DG:C8	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:4:DG:H1	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:HG1	2:X:4:DG:H1'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:4:DG:H2'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:4:DG:H2''	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:4:DG:H21	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:4:DG:H22	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:4:DG:H3'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:4:DG:H4'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:4:DG:H5'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:4:DG:H5''	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:4:DG:H8	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:4:DG:N1	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:4:DG:N2	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:4:DG:N3	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:4:DG:N7	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:4:DG:N9	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:4:DG:O3'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:4:DG:O4'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:4:DG:O5'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:4:DG:O6	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:4:DG:OP1	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:4:DG:OP2	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:4:DG:P	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:5:DA:C1'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:5:DA:C2	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:5:DA:C2'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:5:DA:C3'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:5:DA:C4	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:5:DA:C4'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:5:DA:C5	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:5:DA:C5'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:5:DA:C6	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:5:DA:C8	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:5:DA:H1'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:5:DA:H2	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:5:DA:H2'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:5:DA:H2''	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:5:DA:H3'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:5:DA:H4'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:5:DA:H5'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:5:DA:H5''	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:5:DA:H61	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:5:DA:H62	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:HG1	2:X:5:DA:H8	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:5:DA:N1	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:5:DA:N3	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:5:DA:N6	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:5:DA:N7	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:5:DA:N9	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:5:DA:O3'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:5:DA:O4'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:5:DA:O5'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:5:DA:OP1	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:5:DA:OP2	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:5:DA:P	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:6:DT:C1'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:6:DT:C2	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:6:DT:C2'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:6:DT:C3'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:6:DT:C4	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:6:DT:C4'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:6:DT:C5	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:6:DT:C5'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:6:DT:C6	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:6:DT:C7	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:6:DT:H1'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:6:DT:H2'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:6:DT:H2''	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:6:DT:H3	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:6:DT:H3'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:6:DT:H4'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:6:DT:H5'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:6:DT:H5''	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:6:DT:H6	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:6:DT:H71	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:6:DT:H72	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:6:DT:H73	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:6:DT:N1	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:6:DT:N3	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:6:DT:O2	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:6:DT:O3'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:6:DT:O4	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:6:DT:O4'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:6:DT:O5'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:6:DT:OP1	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:HG1	2:X:6:DT:OP2	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:6:DT:P	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:7:DA:C1'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:7:DA:C2	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:7:DA:C2'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:7:DA:C3'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:7:DA:C4	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:7:DA:C4'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:7:DA:C5	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:7:DA:C5'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:7:DA:C6	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:7:DA:C8	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:7:DA:H1'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:7:DA:H2	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:7:DA:H2'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:7:DA:H2''	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:7:DA:H3'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:7:DA:H4'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:7:DA:H5'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:7:DA:H5''	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:7:DA:H61	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:7:DA:H62	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:7:DA:H8	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:7:DA:N1	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:7:DA:N3	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:7:DA:N6	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:7:DA:N7	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:7:DA:N9	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:7:DA:O3'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:7:DA:O4'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:7:DA:O5'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:7:DA:OP1	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:7:DA:OP2	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:7:DA:P	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:8:DT:C1'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:8:DT:C2	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:8:DT:C2'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:8:DT:C3'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:8:DT:C4	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:8:DT:C4'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:8:DT:C5	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:8:DT:C5'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:HG1	2:X:8:DT:C6	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:8:DT:C7	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:8:DT:H1'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:8:DT:H2'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:8:DT:H2''	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:8:DT:H3	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:8:DT:H3'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:8:DT:H4'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:8:DT:H5'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:8:DT:H5''	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:8:DT:H6	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:8:DT:H71	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:8:DT:H72	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:8:DT:H73	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:8:DT:N1	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:8:DT:N3	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:8:DT:O2	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:8:DT:O3'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:8:DT:O4	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:8:DT:O4'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:8:DT:O5'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:8:DT:OP1	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:8:DT:OP2	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:8:DT:P	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:9:DA:C1'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:9:DA:C2	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:9:DA:C2'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:9:DA:C3'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:9:DA:C4	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:9:DA:C4'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:9:DA:C5	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:9:DA:C5'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:9:DA:C6	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:9:DA:C8	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:9:DA:H1'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:9:DA:H2	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:9:DA:H2'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:9:DA:H2''	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:9:DA:H3'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:9:DA:H4'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:9:DA:H5'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:9:DA:H5''	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:HG1	2:X:9:DA:H61	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:9:DA:H62	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:9:DA:H8	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:9:DA:N1	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:9:DA:N3	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:9:DA:N6	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:9:DA:N7	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:9:DA:N9	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:9:DA:O3'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:9:DA:O4'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:9:DA:O5'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:9:DA:OP1	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:9:DA:OP2	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:9:DA:P	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:10:DT:C1'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:10:DT:C2	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:10:DT:C2'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:10:DT:C3'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:10:DT:C4	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:10:DT:C4'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:10:DT:C5	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:10:DT:C5'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:10:DT:C6	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:10:DT:C7	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:10:DT:H1'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:10:DT:H2'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:10:DT:H2''	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:10:DT:H3	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:10:DT:H3'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:10:DT:H4'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:10:DT:H5'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:10:DT:H5''	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:10:DT:H6	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:10:DT:H71	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:10:DT:H72	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:10:DT:H73	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:10:DT:N1	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:10:DT:N3	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:10:DT:O2	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:10:DT:O3'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:10:DT:O4	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:10:DT:O4'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:HG1	2:X:10:DT:O5'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:10:DT:OP1	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:10:DT:OP2	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:10:DT:P	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:11:DA:C1'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:11:DA:C2	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:11:DA:C2'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:11:DA:C3'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:11:DA:C4	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:11:DA:C4'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:11:DA:C5	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:11:DA:C5'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:11:DA:C6	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:11:DA:C8	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:11:DA:H1'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:11:DA:H2	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:11:DA:H2'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:11:DA:H2''	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:11:DA:H3'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:11:DA:H4'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:11:DA:H5'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:11:DA:H5''	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:11:DA:H61	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:11:DA:H62	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:11:DA:H8	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:11:DA:N1	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:11:DA:N3	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:11:DA:N6	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:11:DA:N7	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:11:DA:N9	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:11:DA:O3'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:11:DA:O4'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:11:DA:O5'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:11:DA:OP1	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:11:DA:OP2	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:11:DA:P	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:12:DG:C1'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:12:DG:C2	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:12:DG:C2'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:12:DG:C3'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:12:DG:C4	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:12:DG:C4'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:HG1	2:X:12:DG:C5	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:12:DG:C5'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:12:DG:C6	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:12:DG:C8	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:12:DG:H1	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:12:DG:H1'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:12:DG:H2'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:12:DG:H2''	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:12:DG:H21	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:12:DG:H22	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:12:DG:H3'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:12:DG:H4'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:12:DG:H5'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:12:DG:H5''	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:12:DG:H8	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:12:DG:N1	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:12:DG:N2	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:12:DG:N3	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:12:DG:N7	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:12:DG:N9	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:12:DG:O3'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:12:DG:O4'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:12:DG:O5'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:12:DG:O6	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:12:DG:OP1	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:12:DG:OP2	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:12:DG:P	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:13:DT:C1'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:13:DT:C2	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:13:DT:C2'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:13:DT:C3'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:13:DT:C4	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:13:DT:C4'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:13:DT:C5	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:13:DT:C5'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:13:DT:C6	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:13:DT:C7	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:13:DT:H1'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:13:DT:H2'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:13:DT:H2''	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:13:DT:H3	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:13:DT:H3'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:HG1	2:X:13:DT:H4'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:13:DT:H5'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:13:DT:H5''	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:13:DT:H6	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:13:DT:H71	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:13:DT:H72	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:13:DT:H73	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:13:DT:N1	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:13:DT:N3	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:13:DT:O2	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:13:DT:O3'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:13:DT:O4	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:13:DT:O4'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:13:DT:O5'	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:13:DT:OP1	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:13:DT:OP2	7	1.83
(1,10)	1:A:20:THR:HG1	2:X:13:DT:P	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:C1'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:C2	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:C2'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:C3'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:C4	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:C4'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:C5	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:C5'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:C6	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:C8	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:H1'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:H2	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:H2'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:H2''	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:H3'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:H4'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:H5'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:H5''	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:H61	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:H62	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:H8	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:N1	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:N3	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:N6	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:N7	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:N9	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:O3'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:O4'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:O5'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:OP1	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:OP2	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:3:DA:P	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:C1'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:C2	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:C2'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:C3'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:C4	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:C4'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:C5	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:C5'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:C6	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:H1'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:H2'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:H2''	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:H3'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:H4'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:H41	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:H42	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:H5	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:H5'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:H5''	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:H6	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:N1	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:N3	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:N4	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:O2	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:O3'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:O4'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:O5'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:OP1	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:OP2	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:4:DC:P	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:C1'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:C2	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:C2'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:C3'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:C4	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:C4'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:C5	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:C5'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:C6	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:C7	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:H1'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:H2'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:H2''	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:H3	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:H3'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:H4'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:H5'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:H5''	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:H6	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:H71	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:H72	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:H73	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:N1	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:N3	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:O2	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:O3'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:O4	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:O4'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:O5'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:OP1	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:OP2	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:5:DT:P	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:C1'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:C2	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:C2'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:C3'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:C4	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:C4'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:C5	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:C5'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:C6	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:C8	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:H1'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:H2	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:H2'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:H2''	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:H3'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:H4'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:H5'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:H5''	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:H61	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:H62	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:H8	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:N1	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:N3	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:N6	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:N7	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:N9	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:O3'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:O4'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:O5'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:OP1	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:OP2	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:6:DA:P	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:C1'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:C2	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:C2'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:C3'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:C4	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:C4'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:C5	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:C5'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:C6	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:C7	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:H1'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:H2'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:H2''	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:H3	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:H3'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:H4'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:H5'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:H5''	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:H6	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:H71	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:H72	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:H73	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:N1	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:N3	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:O2	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:O3'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:O4	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:O4'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:O5'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:OP1	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:OP2	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:7:DT:P	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:C1'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:C2	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:C2'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:C3'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:C4	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:C4'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:C5	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:C5'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:C6	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:C8	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:H1'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:H2	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:H2'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:H2''	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:H3'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:H4'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:H5'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:H5''	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:H61	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:H62	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:H8	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:N1	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:N3	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:N6	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:N7	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:N9	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:O3'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:O4'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:O5'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:OP1	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:OP2	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:8:DA:P	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:C1'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:C2	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:C2'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:C3'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:C4	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:C4'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:C5	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:C5'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:C6	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:C7	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:H1'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:H2'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:H2''	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:H3	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:H3'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:H4'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:H5'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:H5''	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:H6	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:H71	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:H72	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:H73	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:N1	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:N3	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:O2	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:O3'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:O4	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:O4'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:O5'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:OP1	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:OP2	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:9:DT:P	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:C1'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:C2	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:C2'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:C3'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:C4	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:C4'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:C5	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:C5'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:C6	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:C8	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:H1'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:H2	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:H2'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:H2''	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:H3'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:H4'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:H5'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:H5''	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:H61	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:H62	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:H8	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:N1	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:N3	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:N6	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:N7	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:N9	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:O3'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:O4'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:O5'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:OP1	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:OP2	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:10:DA:P	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:C1'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:C2	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:C2'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:C3'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:C4	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:C4'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:C5	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:C5'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:C6	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:C7	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:H1'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:H2'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:H2''	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:H3	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:H3'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:H4'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:H5'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:H5''	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:H6	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:H71	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:H72	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:H73	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:N1	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:N3	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:O2	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:O3'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:O4	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:O4'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:O5'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:OP1	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:OP2	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:11:DT:P	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:C1'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:C2	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:C2'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:C3'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:C4	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:C4'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:C5	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:C5'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:C6	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:H1'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:H2'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:H2''	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:H3'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:H4'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:H41	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:H42	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:H5	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:H5'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:H5''	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:H6	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:N1	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:N3	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:N4	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:O2	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:O3'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:O4'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:O5'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:OP1	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:OP2	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:12:DC:P	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:C1'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:C2	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:C2'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:C3'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:C4	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:C4'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:C5	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:C5'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:C6	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:C8	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:H1'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:H2	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:H2'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:H2''	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:H3'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:H4'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:H5'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:H5''	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:H61	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:H62	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:H8	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:N1	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:N3	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:N6	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:N7	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:N9	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:O3'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:O4'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:O5'	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:OP1	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:OP2	7	1.83
(1,10)	1:A:20:THR:HG1	3:Y:13:DA:P	7	1.83
(1,10)	1:A:20:THR:N	2:X:3:DT:C1'	7	1.83
(1,10)	1:A:20:THR:N	2:X:3:DT:C2	7	1.83
(1,10)	1:A:20:THR:N	2:X:3:DT:C2'	7	1.83
(1,10)	1:A:20:THR:N	2:X:3:DT:C3'	7	1.83
(1,10)	1:A:20:THR:N	2:X:3:DT:C4	7	1.83
(1,10)	1:A:20:THR:N	2:X:3:DT:C4'	7	1.83
(1,10)	1:A:20:THR:N	2:X:3:DT:C5	7	1.83
(1,10)	1:A:20:THR:N	2:X:3:DT:C5'	7	1.83
(1,10)	1:A:20:THR:N	2:X:3:DT:C6	7	1.83
(1,10)	1:A:20:THR:N	2:X:3:DT:C7	7	1.83
(1,10)	1:A:20:THR:N	2:X:3:DT:H1'	7	1.83
(1,10)	1:A:20:THR:N	2:X:3:DT:H2'	7	1.83
(1,10)	1:A:20:THR:N	2:X:3:DT:H2''	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:N	2:X:3:DT:H3	7	1.83
(1,10)	1:A:20:THR:N	2:X:3:DT:H3'	7	1.83
(1,10)	1:A:20:THR:N	2:X:3:DT:H4'	7	1.83
(1,10)	1:A:20:THR:N	2:X:3:DT:H5'	7	1.83
(1,10)	1:A:20:THR:N	2:X:3:DT:H5''	7	1.83
(1,10)	1:A:20:THR:N	2:X:3:DT:H6	7	1.83
(1,10)	1:A:20:THR:N	2:X:3:DT:H71	7	1.83
(1,10)	1:A:20:THR:N	2:X:3:DT:H72	7	1.83
(1,10)	1:A:20:THR:N	2:X:3:DT:H73	7	1.83
(1,10)	1:A:20:THR:N	2:X:3:DT:N1	7	1.83
(1,10)	1:A:20:THR:N	2:X:3:DT:N3	7	1.83
(1,10)	1:A:20:THR:N	2:X:3:DT:O2	7	1.83
(1,10)	1:A:20:THR:N	2:X:3:DT:O3'	7	1.83
(1,10)	1:A:20:THR:N	2:X:3:DT:O4	7	1.83
(1,10)	1:A:20:THR:N	2:X:3:DT:O4'	7	1.83
(1,10)	1:A:20:THR:N	2:X:3:DT:O5'	7	1.83
(1,10)	1:A:20:THR:N	2:X:3:DT:OP1	7	1.83
(1,10)	1:A:20:THR:N	2:X:3:DT:OP2	7	1.83
(1,10)	1:A:20:THR:N	2:X:3:DT:P	7	1.83
(1,10)	1:A:20:THR:N	2:X:4:DG:C1'	7	1.83
(1,10)	1:A:20:THR:N	2:X:4:DG:C2	7	1.83
(1,10)	1:A:20:THR:N	2:X:4:DG:C2'	7	1.83
(1,10)	1:A:20:THR:N	2:X:4:DG:C3'	7	1.83
(1,10)	1:A:20:THR:N	2:X:4:DG:C4	7	1.83
(1,10)	1:A:20:THR:N	2:X:4:DG:C4'	7	1.83
(1,10)	1:A:20:THR:N	2:X:4:DG:C5	7	1.83
(1,10)	1:A:20:THR:N	2:X:4:DG:C5'	7	1.83
(1,10)	1:A:20:THR:N	2:X:4:DG:C6	7	1.83
(1,10)	1:A:20:THR:N	2:X:4:DG:C8	7	1.83
(1,10)	1:A:20:THR:N	2:X:4:DG:H1	7	1.83
(1,10)	1:A:20:THR:N	2:X:4:DG:H1'	7	1.83
(1,10)	1:A:20:THR:N	2:X:4:DG:H2'	7	1.83
(1,10)	1:A:20:THR:N	2:X:4:DG:H2''	7	1.83
(1,10)	1:A:20:THR:N	2:X:4:DG:H21	7	1.83
(1,10)	1:A:20:THR:N	2:X:4:DG:H22	7	1.83
(1,10)	1:A:20:THR:N	2:X:4:DG:H3'	7	1.83
(1,10)	1:A:20:THR:N	2:X:4:DG:H4'	7	1.83
(1,10)	1:A:20:THR:N	2:X:4:DG:H5'	7	1.83
(1,10)	1:A:20:THR:N	2:X:4:DG:H5''	7	1.83
(1,10)	1:A:20:THR:N	2:X:4:DG:H8	7	1.83
(1,10)	1:A:20:THR:N	2:X:4:DG:N1	7	1.83
(1,10)	1:A:20:THR:N	2:X:4:DG:N2	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:N	2:X:4:DG:N3	7	1.83
(1,10)	1:A:20:THR:N	2:X:4:DG:N7	7	1.83
(1,10)	1:A:20:THR:N	2:X:4:DG:N9	7	1.83
(1,10)	1:A:20:THR:N	2:X:4:DG:O3'	7	1.83
(1,10)	1:A:20:THR:N	2:X:4:DG:O4'	7	1.83
(1,10)	1:A:20:THR:N	2:X:4:DG:O5'	7	1.83
(1,10)	1:A:20:THR:N	2:X:4:DG:O6	7	1.83
(1,10)	1:A:20:THR:N	2:X:4:DG:OP1	7	1.83
(1,10)	1:A:20:THR:N	2:X:4:DG:OP2	7	1.83
(1,10)	1:A:20:THR:N	2:X:4:DG:P	7	1.83
(1,10)	1:A:20:THR:N	2:X:5:DA:C1'	7	1.83
(1,10)	1:A:20:THR:N	2:X:5:DA:C2	7	1.83
(1,10)	1:A:20:THR:N	2:X:5:DA:C2'	7	1.83
(1,10)	1:A:20:THR:N	2:X:5:DA:C3'	7	1.83
(1,10)	1:A:20:THR:N	2:X:5:DA:C4	7	1.83
(1,10)	1:A:20:THR:N	2:X:5:DA:C4'	7	1.83
(1,10)	1:A:20:THR:N	2:X:5:DA:C5	7	1.83
(1,10)	1:A:20:THR:N	2:X:5:DA:C5'	7	1.83
(1,10)	1:A:20:THR:N	2:X:5:DA:C6	7	1.83
(1,10)	1:A:20:THR:N	2:X:5:DA:C8	7	1.83
(1,10)	1:A:20:THR:N	2:X:5:DA:H1'	7	1.83
(1,10)	1:A:20:THR:N	2:X:5:DA:H2	7	1.83
(1,10)	1:A:20:THR:N	2:X:5:DA:H2'	7	1.83
(1,10)	1:A:20:THR:N	2:X:5:DA:H2''	7	1.83
(1,10)	1:A:20:THR:N	2:X:5:DA:H3'	7	1.83
(1,10)	1:A:20:THR:N	2:X:5:DA:H4'	7	1.83
(1,10)	1:A:20:THR:N	2:X:5:DA:H5'	7	1.83
(1,10)	1:A:20:THR:N	2:X:5:DA:H5''	7	1.83
(1,10)	1:A:20:THR:N	2:X:5:DA:H61	7	1.83
(1,10)	1:A:20:THR:N	2:X:5:DA:H62	7	1.83
(1,10)	1:A:20:THR:N	2:X:5:DA:H8	7	1.83
(1,10)	1:A:20:THR:N	2:X:5:DA:N1	7	1.83
(1,10)	1:A:20:THR:N	2:X:5:DA:N3	7	1.83
(1,10)	1:A:20:THR:N	2:X:5:DA:N6	7	1.83
(1,10)	1:A:20:THR:N	2:X:5:DA:N7	7	1.83
(1,10)	1:A:20:THR:N	2:X:5:DA:N9	7	1.83
(1,10)	1:A:20:THR:N	2:X:5:DA:O3'	7	1.83
(1,10)	1:A:20:THR:N	2:X:5:DA:O4'	7	1.83
(1,10)	1:A:20:THR:N	2:X:5:DA:O5'	7	1.83
(1,10)	1:A:20:THR:N	2:X:5:DA:OP1	7	1.83
(1,10)	1:A:20:THR:N	2:X:5:DA:OP2	7	1.83
(1,10)	1:A:20:THR:N	2:X:5:DA:P	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:N	2:X:6:DT:C1'	7	1.83
(1,10)	1:A:20:THR:N	2:X:6:DT:C2	7	1.83
(1,10)	1:A:20:THR:N	2:X:6:DT:C2'	7	1.83
(1,10)	1:A:20:THR:N	2:X:6:DT:C3'	7	1.83
(1,10)	1:A:20:THR:N	2:X:6:DT:C4	7	1.83
(1,10)	1:A:20:THR:N	2:X:6:DT:C4'	7	1.83
(1,10)	1:A:20:THR:N	2:X:6:DT:C5	7	1.83
(1,10)	1:A:20:THR:N	2:X:6:DT:C5'	7	1.83
(1,10)	1:A:20:THR:N	2:X:6:DT:C6	7	1.83
(1,10)	1:A:20:THR:N	2:X:6:DT:C7	7	1.83
(1,10)	1:A:20:THR:N	2:X:6:DT:H1'	7	1.83
(1,10)	1:A:20:THR:N	2:X:6:DT:H2'	7	1.83
(1,10)	1:A:20:THR:N	2:X:6:DT:H2''	7	1.83
(1,10)	1:A:20:THR:N	2:X:6:DT:H3	7	1.83
(1,10)	1:A:20:THR:N	2:X:6:DT:H3'	7	1.83
(1,10)	1:A:20:THR:N	2:X:6:DT:H4'	7	1.83
(1,10)	1:A:20:THR:N	2:X:6:DT:H5'	7	1.83
(1,10)	1:A:20:THR:N	2:X:6:DT:H5''	7	1.83
(1,10)	1:A:20:THR:N	2:X:6:DT:H6	7	1.83
(1,10)	1:A:20:THR:N	2:X:6:DT:H71	7	1.83
(1,10)	1:A:20:THR:N	2:X:6:DT:H72	7	1.83
(1,10)	1:A:20:THR:N	2:X:6:DT:H73	7	1.83
(1,10)	1:A:20:THR:N	2:X:6:DT:N1	7	1.83
(1,10)	1:A:20:THR:N	2:X:6:DT:N3	7	1.83
(1,10)	1:A:20:THR:N	2:X:6:DT:O2	7	1.83
(1,10)	1:A:20:THR:N	2:X:6:DT:O3'	7	1.83
(1,10)	1:A:20:THR:N	2:X:6:DT:O4	7	1.83
(1,10)	1:A:20:THR:N	2:X:6:DT:O4'	7	1.83
(1,10)	1:A:20:THR:N	2:X:6:DT:O5'	7	1.83
(1,10)	1:A:20:THR:N	2:X:6:DT:OP1	7	1.83
(1,10)	1:A:20:THR:N	2:X:6:DT:OP2	7	1.83
(1,10)	1:A:20:THR:N	2:X:6:DT:P	7	1.83
(1,10)	1:A:20:THR:N	2:X:7:DA:C1'	7	1.83
(1,10)	1:A:20:THR:N	2:X:7:DA:C2	7	1.83
(1,10)	1:A:20:THR:N	2:X:7:DA:C2'	7	1.83
(1,10)	1:A:20:THR:N	2:X:7:DA:C3'	7	1.83
(1,10)	1:A:20:THR:N	2:X:7:DA:C4	7	1.83
(1,10)	1:A:20:THR:N	2:X:7:DA:C4'	7	1.83
(1,10)	1:A:20:THR:N	2:X:7:DA:C5	7	1.83
(1,10)	1:A:20:THR:N	2:X:7:DA:C5'	7	1.83
(1,10)	1:A:20:THR:N	2:X:7:DA:C6	7	1.83
(1,10)	1:A:20:THR:N	2:X:7:DA:C8	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:N	2:X:7:DA:H1'	7	1.83
(1,10)	1:A:20:THR:N	2:X:7:DA:H2	7	1.83
(1,10)	1:A:20:THR:N	2:X:7:DA:H2'	7	1.83
(1,10)	1:A:20:THR:N	2:X:7:DA:H2''	7	1.83
(1,10)	1:A:20:THR:N	2:X:7:DA:H3'	7	1.83
(1,10)	1:A:20:THR:N	2:X:7:DA:H4'	7	1.83
(1,10)	1:A:20:THR:N	2:X:7:DA:H5'	7	1.83
(1,10)	1:A:20:THR:N	2:X:7:DA:H5''	7	1.83
(1,10)	1:A:20:THR:N	2:X:7:DA:H61	7	1.83
(1,10)	1:A:20:THR:N	2:X:7:DA:H62	7	1.83
(1,10)	1:A:20:THR:N	2:X:7:DA:H8	7	1.83
(1,10)	1:A:20:THR:N	2:X:7:DA:N1	7	1.83
(1,10)	1:A:20:THR:N	2:X:7:DA:N3	7	1.83
(1,10)	1:A:20:THR:N	2:X:7:DA:N6	7	1.83
(1,10)	1:A:20:THR:N	2:X:7:DA:N7	7	1.83
(1,10)	1:A:20:THR:N	2:X:7:DA:N9	7	1.83
(1,10)	1:A:20:THR:N	2:X:7:DA:O3'	7	1.83
(1,10)	1:A:20:THR:N	2:X:7:DA:O4'	7	1.83
(1,10)	1:A:20:THR:N	2:X:7:DA:O5'	7	1.83
(1,10)	1:A:20:THR:N	2:X:7:DA:OP1	7	1.83
(1,10)	1:A:20:THR:N	2:X:7:DA:OP2	7	1.83
(1,10)	1:A:20:THR:N	2:X:7:DA:P	7	1.83
(1,10)	1:A:20:THR:N	2:X:8:DT:C1'	7	1.83
(1,10)	1:A:20:THR:N	2:X:8:DT:C2	7	1.83
(1,10)	1:A:20:THR:N	2:X:8:DT:C2'	7	1.83
(1,10)	1:A:20:THR:N	2:X:8:DT:C3'	7	1.83
(1,10)	1:A:20:THR:N	2:X:8:DT:C4	7	1.83
(1,10)	1:A:20:THR:N	2:X:8:DT:C4'	7	1.83
(1,10)	1:A:20:THR:N	2:X:8:DT:C5	7	1.83
(1,10)	1:A:20:THR:N	2:X:8:DT:C5'	7	1.83
(1,10)	1:A:20:THR:N	2:X:8:DT:C6	7	1.83
(1,10)	1:A:20:THR:N	2:X:8:DT:C7	7	1.83
(1,10)	1:A:20:THR:N	2:X:8:DT:H1'	7	1.83
(1,10)	1:A:20:THR:N	2:X:8:DT:H2'	7	1.83
(1,10)	1:A:20:THR:N	2:X:8:DT:H2''	7	1.83
(1,10)	1:A:20:THR:N	2:X:8:DT:H3	7	1.83
(1,10)	1:A:20:THR:N	2:X:8:DT:H3'	7	1.83
(1,10)	1:A:20:THR:N	2:X:8:DT:H4'	7	1.83
(1,10)	1:A:20:THR:N	2:X:8:DT:H5'	7	1.83
(1,10)	1:A:20:THR:N	2:X:8:DT:H5''	7	1.83
(1,10)	1:A:20:THR:N	2:X:8:DT:H6	7	1.83
(1,10)	1:A:20:THR:N	2:X:8:DT:H71	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:N	2:X:8:DT:H72	7	1.83
(1,10)	1:A:20:THR:N	2:X:8:DT:H73	7	1.83
(1,10)	1:A:20:THR:N	2:X:8:DT:N1	7	1.83
(1,10)	1:A:20:THR:N	2:X:8:DT:N3	7	1.83
(1,10)	1:A:20:THR:N	2:X:8:DT:O2	7	1.83
(1,10)	1:A:20:THR:N	2:X:8:DT:O3'	7	1.83
(1,10)	1:A:20:THR:N	2:X:8:DT:O4	7	1.83
(1,10)	1:A:20:THR:N	2:X:8:DT:O4'	7	1.83
(1,10)	1:A:20:THR:N	2:X:8:DT:O5'	7	1.83
(1,10)	1:A:20:THR:N	2:X:8:DT:OP1	7	1.83
(1,10)	1:A:20:THR:N	2:X:8:DT:OP2	7	1.83
(1,10)	1:A:20:THR:N	2:X:8:DT:P	7	1.83
(1,10)	1:A:20:THR:N	2:X:9:DA:C1'	7	1.83
(1,10)	1:A:20:THR:N	2:X:9:DA:C2	7	1.83
(1,10)	1:A:20:THR:N	2:X:9:DA:C2'	7	1.83
(1,10)	1:A:20:THR:N	2:X:9:DA:C3'	7	1.83
(1,10)	1:A:20:THR:N	2:X:9:DA:C4	7	1.83
(1,10)	1:A:20:THR:N	2:X:9:DA:C4'	7	1.83
(1,10)	1:A:20:THR:N	2:X:9:DA:C5	7	1.83
(1,10)	1:A:20:THR:N	2:X:9:DA:C5'	7	1.83
(1,10)	1:A:20:THR:N	2:X:9:DA:C6	7	1.83
(1,10)	1:A:20:THR:N	2:X:9:DA:C8	7	1.83
(1,10)	1:A:20:THR:N	2:X:9:DA:H1'	7	1.83
(1,10)	1:A:20:THR:N	2:X:9:DA:H2	7	1.83
(1,10)	1:A:20:THR:N	2:X:9:DA:H2'	7	1.83
(1,10)	1:A:20:THR:N	2:X:9:DA:H2''	7	1.83
(1,10)	1:A:20:THR:N	2:X:9:DA:H3'	7	1.83
(1,10)	1:A:20:THR:N	2:X:9:DA:H4'	7	1.83
(1,10)	1:A:20:THR:N	2:X:9:DA:H5'	7	1.83
(1,10)	1:A:20:THR:N	2:X:9:DA:H5''	7	1.83
(1,10)	1:A:20:THR:N	2:X:9:DA:H61	7	1.83
(1,10)	1:A:20:THR:N	2:X:9:DA:H62	7	1.83
(1,10)	1:A:20:THR:N	2:X:9:DA:H8	7	1.83
(1,10)	1:A:20:THR:N	2:X:9:DA:N1	7	1.83
(1,10)	1:A:20:THR:N	2:X:9:DA:N3	7	1.83
(1,10)	1:A:20:THR:N	2:X:9:DA:N6	7	1.83
(1,10)	1:A:20:THR:N	2:X:9:DA:N7	7	1.83
(1,10)	1:A:20:THR:N	2:X:9:DA:N9	7	1.83
(1,10)	1:A:20:THR:N	2:X:9:DA:O3'	7	1.83
(1,10)	1:A:20:THR:N	2:X:9:DA:O4'	7	1.83
(1,10)	1:A:20:THR:N	2:X:9:DA:O5'	7	1.83
(1,10)	1:A:20:THR:N	2:X:9:DA:OP1	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:N	2:X:9:DA:OP2	7	1.83
(1,10)	1:A:20:THR:N	2:X:9:DA:P	7	1.83
(1,10)	1:A:20:THR:N	2:X:10:DT:C1'	7	1.83
(1,10)	1:A:20:THR:N	2:X:10:DT:C2	7	1.83
(1,10)	1:A:20:THR:N	2:X:10:DT:C2'	7	1.83
(1,10)	1:A:20:THR:N	2:X:10:DT:C3'	7	1.83
(1,10)	1:A:20:THR:N	2:X:10:DT:C4	7	1.83
(1,10)	1:A:20:THR:N	2:X:10:DT:C4'	7	1.83
(1,10)	1:A:20:THR:N	2:X:10:DT:C5	7	1.83
(1,10)	1:A:20:THR:N	2:X:10:DT:C5'	7	1.83
(1,10)	1:A:20:THR:N	2:X:10:DT:C6	7	1.83
(1,10)	1:A:20:THR:N	2:X:10:DT:C7	7	1.83
(1,10)	1:A:20:THR:N	2:X:10:DT:H1'	7	1.83
(1,10)	1:A:20:THR:N	2:X:10:DT:H2'	7	1.83
(1,10)	1:A:20:THR:N	2:X:10:DT:H2''	7	1.83
(1,10)	1:A:20:THR:N	2:X:10:DT:H3	7	1.83
(1,10)	1:A:20:THR:N	2:X:10:DT:H3'	7	1.83
(1,10)	1:A:20:THR:N	2:X:10:DT:H4'	7	1.83
(1,10)	1:A:20:THR:N	2:X:10:DT:H5'	7	1.83
(1,10)	1:A:20:THR:N	2:X:10:DT:H5''	7	1.83
(1,10)	1:A:20:THR:N	2:X:10:DT:H6	7	1.83
(1,10)	1:A:20:THR:N	2:X:10:DT:H71	7	1.83
(1,10)	1:A:20:THR:N	2:X:10:DT:H72	7	1.83
(1,10)	1:A:20:THR:N	2:X:10:DT:H73	7	1.83
(1,10)	1:A:20:THR:N	2:X:10:DT:N1	7	1.83
(1,10)	1:A:20:THR:N	2:X:10:DT:N3	7	1.83
(1,10)	1:A:20:THR:N	2:X:10:DT:O2	7	1.83
(1,10)	1:A:20:THR:N	2:X:10:DT:O3'	7	1.83
(1,10)	1:A:20:THR:N	2:X:10:DT:O4	7	1.83
(1,10)	1:A:20:THR:N	2:X:10:DT:O4'	7	1.83
(1,10)	1:A:20:THR:N	2:X:10:DT:O5'	7	1.83
(1,10)	1:A:20:THR:N	2:X:10:DT:OP1	7	1.83
(1,10)	1:A:20:THR:N	2:X:10:DT:OP2	7	1.83
(1,10)	1:A:20:THR:N	2:X:10:DT:P	7	1.83
(1,10)	1:A:20:THR:N	2:X:11:DA:C1'	7	1.83
(1,10)	1:A:20:THR:N	2:X:11:DA:C2	7	1.83
(1,10)	1:A:20:THR:N	2:X:11:DA:C2'	7	1.83
(1,10)	1:A:20:THR:N	2:X:11:DA:C3'	7	1.83
(1,10)	1:A:20:THR:N	2:X:11:DA:C4	7	1.83
(1,10)	1:A:20:THR:N	2:X:11:DA:C4'	7	1.83
(1,10)	1:A:20:THR:N	2:X:11:DA:C5	7	1.83
(1,10)	1:A:20:THR:N	2:X:11:DA:C5'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:N	2:X:11:DA:C6	7	1.83
(1,10)	1:A:20:THR:N	2:X:11:DA:C8	7	1.83
(1,10)	1:A:20:THR:N	2:X:11:DA:H1'	7	1.83
(1,10)	1:A:20:THR:N	2:X:11:DA:H2	7	1.83
(1,10)	1:A:20:THR:N	2:X:11:DA:H2'	7	1.83
(1,10)	1:A:20:THR:N	2:X:11:DA:H2''	7	1.83
(1,10)	1:A:20:THR:N	2:X:11:DA:H3'	7	1.83
(1,10)	1:A:20:THR:N	2:X:11:DA:H4'	7	1.83
(1,10)	1:A:20:THR:N	2:X:11:DA:H5'	7	1.83
(1,10)	1:A:20:THR:N	2:X:11:DA:H5''	7	1.83
(1,10)	1:A:20:THR:N	2:X:11:DA:H61	7	1.83
(1,10)	1:A:20:THR:N	2:X:11:DA:H62	7	1.83
(1,10)	1:A:20:THR:N	2:X:11:DA:H8	7	1.83
(1,10)	1:A:20:THR:N	2:X:11:DA:N1	7	1.83
(1,10)	1:A:20:THR:N	2:X:11:DA:N3	7	1.83
(1,10)	1:A:20:THR:N	2:X:11:DA:N6	7	1.83
(1,10)	1:A:20:THR:N	2:X:11:DA:N7	7	1.83
(1,10)	1:A:20:THR:N	2:X:11:DA:N9	7	1.83
(1,10)	1:A:20:THR:N	2:X:11:DA:O3'	7	1.83
(1,10)	1:A:20:THR:N	2:X:11:DA:O4'	7	1.83
(1,10)	1:A:20:THR:N	2:X:11:DA:O5'	7	1.83
(1,10)	1:A:20:THR:N	2:X:11:DA:OP1	7	1.83
(1,10)	1:A:20:THR:N	2:X:11:DA:OP2	7	1.83
(1,10)	1:A:20:THR:N	2:X:11:DA:P	7	1.83
(1,10)	1:A:20:THR:N	2:X:12:DG:C1'	7	1.83
(1,10)	1:A:20:THR:N	2:X:12:DG:C2	7	1.83
(1,10)	1:A:20:THR:N	2:X:12:DG:C2'	7	1.83
(1,10)	1:A:20:THR:N	2:X:12:DG:C3'	7	1.83
(1,10)	1:A:20:THR:N	2:X:12:DG:C4	7	1.83
(1,10)	1:A:20:THR:N	2:X:12:DG:C4'	7	1.83
(1,10)	1:A:20:THR:N	2:X:12:DG:C5	7	1.83
(1,10)	1:A:20:THR:N	2:X:12:DG:C5'	7	1.83
(1,10)	1:A:20:THR:N	2:X:12:DG:C6	7	1.83
(1,10)	1:A:20:THR:N	2:X:12:DG:C8	7	1.83
(1,10)	1:A:20:THR:N	2:X:12:DG:H1	7	1.83
(1,10)	1:A:20:THR:N	2:X:12:DG:H1'	7	1.83
(1,10)	1:A:20:THR:N	2:X:12:DG:H2'	7	1.83
(1,10)	1:A:20:THR:N	2:X:12:DG:H2''	7	1.83
(1,10)	1:A:20:THR:N	2:X:12:DG:H21	7	1.83
(1,10)	1:A:20:THR:N	2:X:12:DG:H22	7	1.83
(1,10)	1:A:20:THR:N	2:X:12:DG:H3'	7	1.83
(1,10)	1:A:20:THR:N	2:X:12:DG:H4'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:N	2:X:12:DG:H5'	7	1.83
(1,10)	1:A:20:THR:N	2:X:12:DG:H5''	7	1.83
(1,10)	1:A:20:THR:N	2:X:12:DG:H8	7	1.83
(1,10)	1:A:20:THR:N	2:X:12:DG:N1	7	1.83
(1,10)	1:A:20:THR:N	2:X:12:DG:N2	7	1.83
(1,10)	1:A:20:THR:N	2:X:12:DG:N3	7	1.83
(1,10)	1:A:20:THR:N	2:X:12:DG:N7	7	1.83
(1,10)	1:A:20:THR:N	2:X:12:DG:N9	7	1.83
(1,10)	1:A:20:THR:N	2:X:12:DG:O3'	7	1.83
(1,10)	1:A:20:THR:N	2:X:12:DG:O4'	7	1.83
(1,10)	1:A:20:THR:N	2:X:12:DG:O5'	7	1.83
(1,10)	1:A:20:THR:N	2:X:12:DG:O6	7	1.83
(1,10)	1:A:20:THR:N	2:X:12:DG:OP1	7	1.83
(1,10)	1:A:20:THR:N	2:X:12:DG:OP2	7	1.83
(1,10)	1:A:20:THR:N	2:X:12:DG:P	7	1.83
(1,10)	1:A:20:THR:N	2:X:13:DT:C1'	7	1.83
(1,10)	1:A:20:THR:N	2:X:13:DT:C2	7	1.83
(1,10)	1:A:20:THR:N	2:X:13:DT:C2'	7	1.83
(1,10)	1:A:20:THR:N	2:X:13:DT:C3'	7	1.83
(1,10)	1:A:20:THR:N	2:X:13:DT:C4	7	1.83
(1,10)	1:A:20:THR:N	2:X:13:DT:C4'	7	1.83
(1,10)	1:A:20:THR:N	2:X:13:DT:C5	7	1.83
(1,10)	1:A:20:THR:N	2:X:13:DT:C5'	7	1.83
(1,10)	1:A:20:THR:N	2:X:13:DT:C6	7	1.83
(1,10)	1:A:20:THR:N	2:X:13:DT:C7	7	1.83
(1,10)	1:A:20:THR:N	2:X:13:DT:H1'	7	1.83
(1,10)	1:A:20:THR:N	2:X:13:DT:H2'	7	1.83
(1,10)	1:A:20:THR:N	2:X:13:DT:H2''	7	1.83
(1,10)	1:A:20:THR:N	2:X:13:DT:H3	7	1.83
(1,10)	1:A:20:THR:N	2:X:13:DT:H3'	7	1.83
(1,10)	1:A:20:THR:N	2:X:13:DT:H4'	7	1.83
(1,10)	1:A:20:THR:N	2:X:13:DT:H5'	7	1.83
(1,10)	1:A:20:THR:N	2:X:13:DT:H5''	7	1.83
(1,10)	1:A:20:THR:N	2:X:13:DT:H6	7	1.83
(1,10)	1:A:20:THR:N	2:X:13:DT:H71	7	1.83
(1,10)	1:A:20:THR:N	2:X:13:DT:H72	7	1.83
(1,10)	1:A:20:THR:N	2:X:13:DT:H73	7	1.83
(1,10)	1:A:20:THR:N	2:X:13:DT:N1	7	1.83
(1,10)	1:A:20:THR:N	2:X:13:DT:N3	7	1.83
(1,10)	1:A:20:THR:N	2:X:13:DT:O2	7	1.83
(1,10)	1:A:20:THR:N	2:X:13:DT:O3'	7	1.83
(1,10)	1:A:20:THR:N	2:X:13:DT:O4	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:N	2:X:13:DT:O4'	7	1.83
(1,10)	1:A:20:THR:N	2:X:13:DT:O5'	7	1.83
(1,10)	1:A:20:THR:N	2:X:13:DT:OP1	7	1.83
(1,10)	1:A:20:THR:N	2:X:13:DT:OP2	7	1.83
(1,10)	1:A:20:THR:N	2:X:13:DT:P	7	1.83
(1,10)	1:A:20:THR:N	3:Y:3:DA:C1'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:3:DA:C2	7	1.83
(1,10)	1:A:20:THR:N	3:Y:3:DA:C2'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:3:DA:C3'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:3:DA:C4	7	1.83
(1,10)	1:A:20:THR:N	3:Y:3:DA:C4'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:3:DA:C5	7	1.83
(1,10)	1:A:20:THR:N	3:Y:3:DA:C5'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:3:DA:C6	7	1.83
(1,10)	1:A:20:THR:N	3:Y:3:DA:C8	7	1.83
(1,10)	1:A:20:THR:N	3:Y:3:DA:H1'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:3:DA:H2	7	1.83
(1,10)	1:A:20:THR:N	3:Y:3:DA:H2'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:3:DA:H2''	7	1.83
(1,10)	1:A:20:THR:N	3:Y:3:DA:H3'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:3:DA:H4'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:3:DA:H5'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:3:DA:H5''	7	1.83
(1,10)	1:A:20:THR:N	3:Y:3:DA:H61	7	1.83
(1,10)	1:A:20:THR:N	3:Y:3:DA:H62	7	1.83
(1,10)	1:A:20:THR:N	3:Y:3:DA:H8	7	1.83
(1,10)	1:A:20:THR:N	3:Y:3:DA:N1	7	1.83
(1,10)	1:A:20:THR:N	3:Y:3:DA:N3	7	1.83
(1,10)	1:A:20:THR:N	3:Y:3:DA:N6	7	1.83
(1,10)	1:A:20:THR:N	3:Y:3:DA:N7	7	1.83
(1,10)	1:A:20:THR:N	3:Y:3:DA:N9	7	1.83
(1,10)	1:A:20:THR:N	3:Y:3:DA:O3'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:3:DA:O4'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:3:DA:O5'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:3:DA:OP1	7	1.83
(1,10)	1:A:20:THR:N	3:Y:3:DA:OP2	7	1.83
(1,10)	1:A:20:THR:N	3:Y:3:DA:P	7	1.83
(1,10)	1:A:20:THR:N	3:Y:4:DC:C1'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:4:DC:C2	7	1.83
(1,10)	1:A:20:THR:N	3:Y:4:DC:C2'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:4:DC:C3'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:4:DC:C4	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:N	3:Y:4:DC:C4'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:4:DC:C5	7	1.83
(1,10)	1:A:20:THR:N	3:Y:4:DC:C5'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:4:DC:C6	7	1.83
(1,10)	1:A:20:THR:N	3:Y:4:DC:H1'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:4:DC:H2'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:4:DC:H2''	7	1.83
(1,10)	1:A:20:THR:N	3:Y:4:DC:H3'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:4:DC:H4'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:4:DC:H41	7	1.83
(1,10)	1:A:20:THR:N	3:Y:4:DC:H42	7	1.83
(1,10)	1:A:20:THR:N	3:Y:4:DC:H5	7	1.83
(1,10)	1:A:20:THR:N	3:Y:4:DC:H5'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:4:DC:H5''	7	1.83
(1,10)	1:A:20:THR:N	3:Y:4:DC:H6	7	1.83
(1,10)	1:A:20:THR:N	3:Y:4:DC:N1	7	1.83
(1,10)	1:A:20:THR:N	3:Y:4:DC:N3	7	1.83
(1,10)	1:A:20:THR:N	3:Y:4:DC:N4	7	1.83
(1,10)	1:A:20:THR:N	3:Y:4:DC:O2	7	1.83
(1,10)	1:A:20:THR:N	3:Y:4:DC:O3'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:4:DC:O4'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:4:DC:O5'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:4:DC:OP1	7	1.83
(1,10)	1:A:20:THR:N	3:Y:4:DC:OP2	7	1.83
(1,10)	1:A:20:THR:N	3:Y:4:DC:P	7	1.83
(1,10)	1:A:20:THR:N	3:Y:5:DT:C1'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:5:DT:C2	7	1.83
(1,10)	1:A:20:THR:N	3:Y:5:DT:C2'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:5:DT:C3'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:5:DT:C4	7	1.83
(1,10)	1:A:20:THR:N	3:Y:5:DT:C4'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:5:DT:C5	7	1.83
(1,10)	1:A:20:THR:N	3:Y:5:DT:C5'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:5:DT:C6	7	1.83
(1,10)	1:A:20:THR:N	3:Y:5:DT:C7	7	1.83
(1,10)	1:A:20:THR:N	3:Y:5:DT:H1'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:5:DT:H2'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:5:DT:H2''	7	1.83
(1,10)	1:A:20:THR:N	3:Y:5:DT:H3	7	1.83
(1,10)	1:A:20:THR:N	3:Y:5:DT:H3'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:5:DT:H4'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:5:DT:H5'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:N	3:Y:5:DT:H5''	7	1.83
(1,10)	1:A:20:THR:N	3:Y:5:DT:H6	7	1.83
(1,10)	1:A:20:THR:N	3:Y:5:DT:H71	7	1.83
(1,10)	1:A:20:THR:N	3:Y:5:DT:H72	7	1.83
(1,10)	1:A:20:THR:N	3:Y:5:DT:H73	7	1.83
(1,10)	1:A:20:THR:N	3:Y:5:DT:N1	7	1.83
(1,10)	1:A:20:THR:N	3:Y:5:DT:N3	7	1.83
(1,10)	1:A:20:THR:N	3:Y:5:DT:O2	7	1.83
(1,10)	1:A:20:THR:N	3:Y:5:DT:O3'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:5:DT:O4	7	1.83
(1,10)	1:A:20:THR:N	3:Y:5:DT:O4'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:5:DT:O5'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:5:DT:OP1	7	1.83
(1,10)	1:A:20:THR:N	3:Y:5:DT:OP2	7	1.83
(1,10)	1:A:20:THR:N	3:Y:5:DT:P	7	1.83
(1,10)	1:A:20:THR:N	3:Y:6:DA:C1'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:6:DA:C2	7	1.83
(1,10)	1:A:20:THR:N	3:Y:6:DA:C2'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:6:DA:C3'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:6:DA:C4	7	1.83
(1,10)	1:A:20:THR:N	3:Y:6:DA:C4'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:6:DA:C5	7	1.83
(1,10)	1:A:20:THR:N	3:Y:6:DA:C5'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:6:DA:C6	7	1.83
(1,10)	1:A:20:THR:N	3:Y:6:DA:C8	7	1.83
(1,10)	1:A:20:THR:N	3:Y:6:DA:H1'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:6:DA:H2	7	1.83
(1,10)	1:A:20:THR:N	3:Y:6:DA:H2'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:6:DA:H2''	7	1.83
(1,10)	1:A:20:THR:N	3:Y:6:DA:H3'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:6:DA:H4'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:6:DA:H5'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:6:DA:H5''	7	1.83
(1,10)	1:A:20:THR:N	3:Y:6:DA:H61	7	1.83
(1,10)	1:A:20:THR:N	3:Y:6:DA:H62	7	1.83
(1,10)	1:A:20:THR:N	3:Y:6:DA:H8	7	1.83
(1,10)	1:A:20:THR:N	3:Y:6:DA:N1	7	1.83
(1,10)	1:A:20:THR:N	3:Y:6:DA:N3	7	1.83
(1,10)	1:A:20:THR:N	3:Y:6:DA:N6	7	1.83
(1,10)	1:A:20:THR:N	3:Y:6:DA:N7	7	1.83
(1,10)	1:A:20:THR:N	3:Y:6:DA:N9	7	1.83
(1,10)	1:A:20:THR:N	3:Y:6:DA:O3'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:N	3:Y:6:DA:O4'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:6:DA:O5'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:6:DA:OP1	7	1.83
(1,10)	1:A:20:THR:N	3:Y:6:DA:OP2	7	1.83
(1,10)	1:A:20:THR:N	3:Y:6:DA:P	7	1.83
(1,10)	1:A:20:THR:N	3:Y:7:DT:C1'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:7:DT:C2	7	1.83
(1,10)	1:A:20:THR:N	3:Y:7:DT:C2'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:7:DT:C3'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:7:DT:C4	7	1.83
(1,10)	1:A:20:THR:N	3:Y:7:DT:C4'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:7:DT:C5	7	1.83
(1,10)	1:A:20:THR:N	3:Y:7:DT:C5'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:7:DT:C6	7	1.83
(1,10)	1:A:20:THR:N	3:Y:7:DT:C7	7	1.83
(1,10)	1:A:20:THR:N	3:Y:7:DT:H1'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:7:DT:H2'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:7:DT:H2''	7	1.83
(1,10)	1:A:20:THR:N	3:Y:7:DT:H3	7	1.83
(1,10)	1:A:20:THR:N	3:Y:7:DT:H3'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:7:DT:H4'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:7:DT:H5'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:7:DT:H5''	7	1.83
(1,10)	1:A:20:THR:N	3:Y:7:DT:H6	7	1.83
(1,10)	1:A:20:THR:N	3:Y:7:DT:H71	7	1.83
(1,10)	1:A:20:THR:N	3:Y:7:DT:H72	7	1.83
(1,10)	1:A:20:THR:N	3:Y:7:DT:H73	7	1.83
(1,10)	1:A:20:THR:N	3:Y:7:DT:N1	7	1.83
(1,10)	1:A:20:THR:N	3:Y:7:DT:N3	7	1.83
(1,10)	1:A:20:THR:N	3:Y:7:DT:O2	7	1.83
(1,10)	1:A:20:THR:N	3:Y:7:DT:O3'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:7:DT:O4	7	1.83
(1,10)	1:A:20:THR:N	3:Y:7:DT:O4'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:7:DT:O5'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:7:DT:OP1	7	1.83
(1,10)	1:A:20:THR:N	3:Y:7:DT:OP2	7	1.83
(1,10)	1:A:20:THR:N	3:Y:7:DT:P	7	1.83
(1,10)	1:A:20:THR:N	3:Y:8:DA:C1'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:8:DA:C2	7	1.83
(1,10)	1:A:20:THR:N	3:Y:8:DA:C2'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:8:DA:C3'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:8:DA:C4	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:N	3:Y:8:DA:C4'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:8:DA:C5	7	1.83
(1,10)	1:A:20:THR:N	3:Y:8:DA:C5'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:8:DA:C6	7	1.83
(1,10)	1:A:20:THR:N	3:Y:8:DA:C8	7	1.83
(1,10)	1:A:20:THR:N	3:Y:8:DA:H1'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:8:DA:H2	7	1.83
(1,10)	1:A:20:THR:N	3:Y:8:DA:H2'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:8:DA:H2''	7	1.83
(1,10)	1:A:20:THR:N	3:Y:8:DA:H3'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:8:DA:H4'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:8:DA:H5'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:8:DA:H5''	7	1.83
(1,10)	1:A:20:THR:N	3:Y:8:DA:H61	7	1.83
(1,10)	1:A:20:THR:N	3:Y:8:DA:H62	7	1.83
(1,10)	1:A:20:THR:N	3:Y:8:DA:H8	7	1.83
(1,10)	1:A:20:THR:N	3:Y:8:DA:N1	7	1.83
(1,10)	1:A:20:THR:N	3:Y:8:DA:N3	7	1.83
(1,10)	1:A:20:THR:N	3:Y:8:DA:N6	7	1.83
(1,10)	1:A:20:THR:N	3:Y:8:DA:N7	7	1.83
(1,10)	1:A:20:THR:N	3:Y:8:DA:N9	7	1.83
(1,10)	1:A:20:THR:N	3:Y:8:DA:O3'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:8:DA:O4'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:8:DA:O5'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:8:DA:OP1	7	1.83
(1,10)	1:A:20:THR:N	3:Y:8:DA:OP2	7	1.83
(1,10)	1:A:20:THR:N	3:Y:8:DA:P	7	1.83
(1,10)	1:A:20:THR:N	3:Y:9:DT:C1'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:9:DT:C2	7	1.83
(1,10)	1:A:20:THR:N	3:Y:9:DT:C2'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:9:DT:C3'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:9:DT:C4	7	1.83
(1,10)	1:A:20:THR:N	3:Y:9:DT:C4'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:9:DT:C5	7	1.83
(1,10)	1:A:20:THR:N	3:Y:9:DT:C5'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:9:DT:C6	7	1.83
(1,10)	1:A:20:THR:N	3:Y:9:DT:C7	7	1.83
(1,10)	1:A:20:THR:N	3:Y:9:DT:H1'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:9:DT:H2'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:9:DT:H2''	7	1.83
(1,10)	1:A:20:THR:N	3:Y:9:DT:H3	7	1.83
(1,10)	1:A:20:THR:N	3:Y:9:DT:H3'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:N	3:Y:9:DT:H4'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:9:DT:H5'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:9:DT:H5''	7	1.83
(1,10)	1:A:20:THR:N	3:Y:9:DT:H6	7	1.83
(1,10)	1:A:20:THR:N	3:Y:9:DT:H71	7	1.83
(1,10)	1:A:20:THR:N	3:Y:9:DT:H72	7	1.83
(1,10)	1:A:20:THR:N	3:Y:9:DT:H73	7	1.83
(1,10)	1:A:20:THR:N	3:Y:9:DT:N1	7	1.83
(1,10)	1:A:20:THR:N	3:Y:9:DT:N3	7	1.83
(1,10)	1:A:20:THR:N	3:Y:9:DT:O2	7	1.83
(1,10)	1:A:20:THR:N	3:Y:9:DT:O3'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:9:DT:O4	7	1.83
(1,10)	1:A:20:THR:N	3:Y:9:DT:O4'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:9:DT:O5'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:9:DT:OP1	7	1.83
(1,10)	1:A:20:THR:N	3:Y:9:DT:OP2	7	1.83
(1,10)	1:A:20:THR:N	3:Y:9:DT:P	7	1.83
(1,10)	1:A:20:THR:N	3:Y:10:DA:C1'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:10:DA:C2	7	1.83
(1,10)	1:A:20:THR:N	3:Y:10:DA:C2'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:10:DA:C3'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:10:DA:C4	7	1.83
(1,10)	1:A:20:THR:N	3:Y:10:DA:C4'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:10:DA:C5	7	1.83
(1,10)	1:A:20:THR:N	3:Y:10:DA:C5'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:10:DA:C6	7	1.83
(1,10)	1:A:20:THR:N	3:Y:10:DA:C8	7	1.83
(1,10)	1:A:20:THR:N	3:Y:10:DA:H1'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:10:DA:H2	7	1.83
(1,10)	1:A:20:THR:N	3:Y:10:DA:H2'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:10:DA:H2''	7	1.83
(1,10)	1:A:20:THR:N	3:Y:10:DA:H3'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:10:DA:H4'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:10:DA:H5'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:10:DA:H5''	7	1.83
(1,10)	1:A:20:THR:N	3:Y:10:DA:H61	7	1.83
(1,10)	1:A:20:THR:N	3:Y:10:DA:H62	7	1.83
(1,10)	1:A:20:THR:N	3:Y:10:DA:H8	7	1.83
(1,10)	1:A:20:THR:N	3:Y:10:DA:N1	7	1.83
(1,10)	1:A:20:THR:N	3:Y:10:DA:N3	7	1.83
(1,10)	1:A:20:THR:N	3:Y:10:DA:N6	7	1.83
(1,10)	1:A:20:THR:N	3:Y:10:DA:N7	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:N	3:Y:10:DA:N9	7	1.83
(1,10)	1:A:20:THR:N	3:Y:10:DA:O3'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:10:DA:O4'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:10:DA:O5'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:10:DA:OP1	7	1.83
(1,10)	1:A:20:THR:N	3:Y:10:DA:OP2	7	1.83
(1,10)	1:A:20:THR:N	3:Y:10:DA:P	7	1.83
(1,10)	1:A:20:THR:N	3:Y:11:DT:C1'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:11:DT:C2	7	1.83
(1,10)	1:A:20:THR:N	3:Y:11:DT:C2'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:11:DT:C3'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:11:DT:C4	7	1.83
(1,10)	1:A:20:THR:N	3:Y:11:DT:C4'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:11:DT:C5	7	1.83
(1,10)	1:A:20:THR:N	3:Y:11:DT:C5'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:11:DT:C6	7	1.83
(1,10)	1:A:20:THR:N	3:Y:11:DT:C7	7	1.83
(1,10)	1:A:20:THR:N	3:Y:11:DT:H1'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:11:DT:H2'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:11:DT:H2''	7	1.83
(1,10)	1:A:20:THR:N	3:Y:11:DT:H3	7	1.83
(1,10)	1:A:20:THR:N	3:Y:11:DT:H3'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:11:DT:H4'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:11:DT:H5'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:11:DT:H5''	7	1.83
(1,10)	1:A:20:THR:N	3:Y:11:DT:H6	7	1.83
(1,10)	1:A:20:THR:N	3:Y:11:DT:H71	7	1.83
(1,10)	1:A:20:THR:N	3:Y:11:DT:H72	7	1.83
(1,10)	1:A:20:THR:N	3:Y:11:DT:H73	7	1.83
(1,10)	1:A:20:THR:N	3:Y:11:DT:N1	7	1.83
(1,10)	1:A:20:THR:N	3:Y:11:DT:N3	7	1.83
(1,10)	1:A:20:THR:N	3:Y:11:DT:O2	7	1.83
(1,10)	1:A:20:THR:N	3:Y:11:DT:O3'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:11:DT:O4	7	1.83
(1,10)	1:A:20:THR:N	3:Y:11:DT:O4'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:11:DT:O5'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:11:DT:OP1	7	1.83
(1,10)	1:A:20:THR:N	3:Y:11:DT:OP2	7	1.83
(1,10)	1:A:20:THR:N	3:Y:11:DT:P	7	1.83
(1,10)	1:A:20:THR:N	3:Y:12:DC:C1'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:12:DC:C2	7	1.83
(1,10)	1:A:20:THR:N	3:Y:12:DC:C2'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:N	3:Y:12:DC:C3'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:12:DC:C4	7	1.83
(1,10)	1:A:20:THR:N	3:Y:12:DC:C4'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:12:DC:C5	7	1.83
(1,10)	1:A:20:THR:N	3:Y:12:DC:C5'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:12:DC:C6	7	1.83
(1,10)	1:A:20:THR:N	3:Y:12:DC:H1'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:12:DC:H2'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:12:DC:H2''	7	1.83
(1,10)	1:A:20:THR:N	3:Y:12:DC:H3'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:12:DC:H4'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:12:DC:H41	7	1.83
(1,10)	1:A:20:THR:N	3:Y:12:DC:H42	7	1.83
(1,10)	1:A:20:THR:N	3:Y:12:DC:H5	7	1.83
(1,10)	1:A:20:THR:N	3:Y:12:DC:H5'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:12:DC:H5''	7	1.83
(1,10)	1:A:20:THR:N	3:Y:12:DC:H6	7	1.83
(1,10)	1:A:20:THR:N	3:Y:12:DC:N1	7	1.83
(1,10)	1:A:20:THR:N	3:Y:12:DC:N3	7	1.83
(1,10)	1:A:20:THR:N	3:Y:12:DC:N4	7	1.83
(1,10)	1:A:20:THR:N	3:Y:12:DC:O2	7	1.83
(1,10)	1:A:20:THR:N	3:Y:12:DC:O3'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:12:DC:O4'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:12:DC:O5'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:12:DC:OP1	7	1.83
(1,10)	1:A:20:THR:N	3:Y:12:DC:OP2	7	1.83
(1,10)	1:A:20:THR:N	3:Y:12:DC:P	7	1.83
(1,10)	1:A:20:THR:N	3:Y:13:DA:C1'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:13:DA:C2	7	1.83
(1,10)	1:A:20:THR:N	3:Y:13:DA:C2'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:13:DA:C3'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:13:DA:C4	7	1.83
(1,10)	1:A:20:THR:N	3:Y:13:DA:C4'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:13:DA:C5	7	1.83
(1,10)	1:A:20:THR:N	3:Y:13:DA:C5'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:13:DA:C6	7	1.83
(1,10)	1:A:20:THR:N	3:Y:13:DA:C8	7	1.83
(1,10)	1:A:20:THR:N	3:Y:13:DA:H1'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:13:DA:H2	7	1.83
(1,10)	1:A:20:THR:N	3:Y:13:DA:H2'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:13:DA:H2''	7	1.83
(1,10)	1:A:20:THR:N	3:Y:13:DA:H3'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:N	3:Y:13:DA:H4'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:13:DA:H5'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:13:DA:H5''	7	1.83
(1,10)	1:A:20:THR:N	3:Y:13:DA:H61	7	1.83
(1,10)	1:A:20:THR:N	3:Y:13:DA:H62	7	1.83
(1,10)	1:A:20:THR:N	3:Y:13:DA:H8	7	1.83
(1,10)	1:A:20:THR:N	3:Y:13:DA:N1	7	1.83
(1,10)	1:A:20:THR:N	3:Y:13:DA:N3	7	1.83
(1,10)	1:A:20:THR:N	3:Y:13:DA:N6	7	1.83
(1,10)	1:A:20:THR:N	3:Y:13:DA:N7	7	1.83
(1,10)	1:A:20:THR:N	3:Y:13:DA:N9	7	1.83
(1,10)	1:A:20:THR:N	3:Y:13:DA:O3'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:13:DA:O4'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:13:DA:O5'	7	1.83
(1,10)	1:A:20:THR:N	3:Y:13:DA:OP1	7	1.83
(1,10)	1:A:20:THR:N	3:Y:13:DA:OP2	7	1.83
(1,10)	1:A:20:THR:N	3:Y:13:DA:P	7	1.83
(1,10)	1:A:20:THR:O	2:X:3:DT:C1'	7	1.83
(1,10)	1:A:20:THR:O	2:X:3:DT:C2	7	1.83
(1,10)	1:A:20:THR:O	2:X:3:DT:C2'	7	1.83
(1,10)	1:A:20:THR:O	2:X:3:DT:C3'	7	1.83
(1,10)	1:A:20:THR:O	2:X:3:DT:C4	7	1.83
(1,10)	1:A:20:THR:O	2:X:3:DT:C4'	7	1.83
(1,10)	1:A:20:THR:O	2:X:3:DT:C5	7	1.83
(1,10)	1:A:20:THR:O	2:X:3:DT:C5'	7	1.83
(1,10)	1:A:20:THR:O	2:X:3:DT:C6	7	1.83
(1,10)	1:A:20:THR:O	2:X:3:DT:C7	7	1.83
(1,10)	1:A:20:THR:O	2:X:3:DT:H1'	7	1.83
(1,10)	1:A:20:THR:O	2:X:3:DT:H2'	7	1.83
(1,10)	1:A:20:THR:O	2:X:3:DT:H2''	7	1.83
(1,10)	1:A:20:THR:O	2:X:3:DT:H3	7	1.83
(1,10)	1:A:20:THR:O	2:X:3:DT:H3'	7	1.83
(1,10)	1:A:20:THR:O	2:X:3:DT:H4'	7	1.83
(1,10)	1:A:20:THR:O	2:X:3:DT:H5'	7	1.83
(1,10)	1:A:20:THR:O	2:X:3:DT:H5''	7	1.83
(1,10)	1:A:20:THR:O	2:X:3:DT:H6	7	1.83
(1,10)	1:A:20:THR:O	2:X:3:DT:H71	7	1.83
(1,10)	1:A:20:THR:O	2:X:3:DT:H72	7	1.83
(1,10)	1:A:20:THR:O	2:X:3:DT:H73	7	1.83
(1,10)	1:A:20:THR:O	2:X:3:DT:N1	7	1.83
(1,10)	1:A:20:THR:O	2:X:3:DT:N3	7	1.83
(1,10)	1:A:20:THR:O	2:X:3:DT:O2	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:O	2:X:3:DT:O3'	7	1.83
(1,10)	1:A:20:THR:O	2:X:3:DT:O4	7	1.83
(1,10)	1:A:20:THR:O	2:X:3:DT:O4'	7	1.83
(1,10)	1:A:20:THR:O	2:X:3:DT:O5'	7	1.83
(1,10)	1:A:20:THR:O	2:X:3:DT:OP1	7	1.83
(1,10)	1:A:20:THR:O	2:X:3:DT:OP2	7	1.83
(1,10)	1:A:20:THR:O	2:X:3:DT:P	7	1.83
(1,10)	1:A:20:THR:O	2:X:4:DG:C1'	7	1.83
(1,10)	1:A:20:THR:O	2:X:4:DG:C2	7	1.83
(1,10)	1:A:20:THR:O	2:X:4:DG:C2'	7	1.83
(1,10)	1:A:20:THR:O	2:X:4:DG:C3'	7	1.83
(1,10)	1:A:20:THR:O	2:X:4:DG:C4	7	1.83
(1,10)	1:A:20:THR:O	2:X:4:DG:C4'	7	1.83
(1,10)	1:A:20:THR:O	2:X:4:DG:C5	7	1.83
(1,10)	1:A:20:THR:O	2:X:4:DG:C5'	7	1.83
(1,10)	1:A:20:THR:O	2:X:4:DG:C6	7	1.83
(1,10)	1:A:20:THR:O	2:X:4:DG:C8	7	1.83
(1,10)	1:A:20:THR:O	2:X:4:DG:H1	7	1.83
(1,10)	1:A:20:THR:O	2:X:4:DG:H1'	7	1.83
(1,10)	1:A:20:THR:O	2:X:4:DG:H2'	7	1.83
(1,10)	1:A:20:THR:O	2:X:4:DG:H2''	7	1.83
(1,10)	1:A:20:THR:O	2:X:4:DG:H21	7	1.83
(1,10)	1:A:20:THR:O	2:X:4:DG:H22	7	1.83
(1,10)	1:A:20:THR:O	2:X:4:DG:H3'	7	1.83
(1,10)	1:A:20:THR:O	2:X:4:DG:H4'	7	1.83
(1,10)	1:A:20:THR:O	2:X:4:DG:H5'	7	1.83
(1,10)	1:A:20:THR:O	2:X:4:DG:H5''	7	1.83
(1,10)	1:A:20:THR:O	2:X:4:DG:H8	7	1.83
(1,10)	1:A:20:THR:O	2:X:4:DG:N1	7	1.83
(1,10)	1:A:20:THR:O	2:X:4:DG:N2	7	1.83
(1,10)	1:A:20:THR:O	2:X:4:DG:N3	7	1.83
(1,10)	1:A:20:THR:O	2:X:4:DG:N7	7	1.83
(1,10)	1:A:20:THR:O	2:X:4:DG:N9	7	1.83
(1,10)	1:A:20:THR:O	2:X:4:DG:O3'	7	1.83
(1,10)	1:A:20:THR:O	2:X:4:DG:O4'	7	1.83
(1,10)	1:A:20:THR:O	2:X:4:DG:O5'	7	1.83
(1,10)	1:A:20:THR:O	2:X:4:DG:O6	7	1.83
(1,10)	1:A:20:THR:O	2:X:4:DG:OP1	7	1.83
(1,10)	1:A:20:THR:O	2:X:4:DG:OP2	7	1.83
(1,10)	1:A:20:THR:O	2:X:4:DG:P	7	1.83
(1,10)	1:A:20:THR:O	2:X:5:DA:C1'	7	1.83
(1,10)	1:A:20:THR:O	2:X:5:DA:C2	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:O	2:X:5:DA:C2'	7	1.83
(1,10)	1:A:20:THR:O	2:X:5:DA:C3'	7	1.83
(1,10)	1:A:20:THR:O	2:X:5:DA:C4	7	1.83
(1,10)	1:A:20:THR:O	2:X:5:DA:C4'	7	1.83
(1,10)	1:A:20:THR:O	2:X:5:DA:C5	7	1.83
(1,10)	1:A:20:THR:O	2:X:5:DA:C5'	7	1.83
(1,10)	1:A:20:THR:O	2:X:5:DA:C6	7	1.83
(1,10)	1:A:20:THR:O	2:X:5:DA:C8	7	1.83
(1,10)	1:A:20:THR:O	2:X:5:DA:H1'	7	1.83
(1,10)	1:A:20:THR:O	2:X:5:DA:H2	7	1.83
(1,10)	1:A:20:THR:O	2:X:5:DA:H2'	7	1.83
(1,10)	1:A:20:THR:O	2:X:5:DA:H2''	7	1.83
(1,10)	1:A:20:THR:O	2:X:5:DA:H3'	7	1.83
(1,10)	1:A:20:THR:O	2:X:5:DA:H4'	7	1.83
(1,10)	1:A:20:THR:O	2:X:5:DA:H5'	7	1.83
(1,10)	1:A:20:THR:O	2:X:5:DA:H5''	7	1.83
(1,10)	1:A:20:THR:O	2:X:5:DA:H61	7	1.83
(1,10)	1:A:20:THR:O	2:X:5:DA:H62	7	1.83
(1,10)	1:A:20:THR:O	2:X:5:DA:H8	7	1.83
(1,10)	1:A:20:THR:O	2:X:5:DA:N1	7	1.83
(1,10)	1:A:20:THR:O	2:X:5:DA:N3	7	1.83
(1,10)	1:A:20:THR:O	2:X:5:DA:N6	7	1.83
(1,10)	1:A:20:THR:O	2:X:5:DA:N7	7	1.83
(1,10)	1:A:20:THR:O	2:X:5:DA:N9	7	1.83
(1,10)	1:A:20:THR:O	2:X:5:DA:O3'	7	1.83
(1,10)	1:A:20:THR:O	2:X:5:DA:O4'	7	1.83
(1,10)	1:A:20:THR:O	2:X:5:DA:O5'	7	1.83
(1,10)	1:A:20:THR:O	2:X:5:DA:OP1	7	1.83
(1,10)	1:A:20:THR:O	2:X:5:DA:OP2	7	1.83
(1,10)	1:A:20:THR:O	2:X:5:DA:P	7	1.83
(1,10)	1:A:20:THR:O	2:X:6:DT:C1'	7	1.83
(1,10)	1:A:20:THR:O	2:X:6:DT:C2	7	1.83
(1,10)	1:A:20:THR:O	2:X:6:DT:C2'	7	1.83
(1,10)	1:A:20:THR:O	2:X:6:DT:C3'	7	1.83
(1,10)	1:A:20:THR:O	2:X:6:DT:C4	7	1.83
(1,10)	1:A:20:THR:O	2:X:6:DT:C4'	7	1.83
(1,10)	1:A:20:THR:O	2:X:6:DT:C5	7	1.83
(1,10)	1:A:20:THR:O	2:X:6:DT:C5'	7	1.83
(1,10)	1:A:20:THR:O	2:X:6:DT:C6	7	1.83
(1,10)	1:A:20:THR:O	2:X:6:DT:C7	7	1.83
(1,10)	1:A:20:THR:O	2:X:6:DT:H1'	7	1.83
(1,10)	1:A:20:THR:O	2:X:6:DT:H2'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:O	2:X:6:DT:H2''	7	1.83
(1,10)	1:A:20:THR:O	2:X:6:DT:H3	7	1.83
(1,10)	1:A:20:THR:O	2:X:6:DT:H3'	7	1.83
(1,10)	1:A:20:THR:O	2:X:6:DT:H4'	7	1.83
(1,10)	1:A:20:THR:O	2:X:6:DT:H5'	7	1.83
(1,10)	1:A:20:THR:O	2:X:6:DT:H5''	7	1.83
(1,10)	1:A:20:THR:O	2:X:6:DT:H6	7	1.83
(1,10)	1:A:20:THR:O	2:X:6:DT:H71	7	1.83
(1,10)	1:A:20:THR:O	2:X:6:DT:H72	7	1.83
(1,10)	1:A:20:THR:O	2:X:6:DT:H73	7	1.83
(1,10)	1:A:20:THR:O	2:X:6:DT:N1	7	1.83
(1,10)	1:A:20:THR:O	2:X:6:DT:N3	7	1.83
(1,10)	1:A:20:THR:O	2:X:6:DT:O2	7	1.83
(1,10)	1:A:20:THR:O	2:X:6:DT:O3'	7	1.83
(1,10)	1:A:20:THR:O	2:X:6:DT:O4	7	1.83
(1,10)	1:A:20:THR:O	2:X:6:DT:O4'	7	1.83
(1,10)	1:A:20:THR:O	2:X:6:DT:O5'	7	1.83
(1,10)	1:A:20:THR:O	2:X:6:DT:OP1	7	1.83
(1,10)	1:A:20:THR:O	2:X:6:DT:OP2	7	1.83
(1,10)	1:A:20:THR:O	2:X:6:DT:P	7	1.83
(1,10)	1:A:20:THR:O	2:X:7:DA:C1'	7	1.83
(1,10)	1:A:20:THR:O	2:X:7:DA:C2	7	1.83
(1,10)	1:A:20:THR:O	2:X:7:DA:C2'	7	1.83
(1,10)	1:A:20:THR:O	2:X:7:DA:C3'	7	1.83
(1,10)	1:A:20:THR:O	2:X:7:DA:C4	7	1.83
(1,10)	1:A:20:THR:O	2:X:7:DA:C4'	7	1.83
(1,10)	1:A:20:THR:O	2:X:7:DA:C5	7	1.83
(1,10)	1:A:20:THR:O	2:X:7:DA:C5'	7	1.83
(1,10)	1:A:20:THR:O	2:X:7:DA:C6	7	1.83
(1,10)	1:A:20:THR:O	2:X:7:DA:C8	7	1.83
(1,10)	1:A:20:THR:O	2:X:7:DA:H1'	7	1.83
(1,10)	1:A:20:THR:O	2:X:7:DA:H2	7	1.83
(1,10)	1:A:20:THR:O	2:X:7:DA:H2'	7	1.83
(1,10)	1:A:20:THR:O	2:X:7:DA:H2''	7	1.83
(1,10)	1:A:20:THR:O	2:X:7:DA:H3'	7	1.83
(1,10)	1:A:20:THR:O	2:X:7:DA:H4'	7	1.83
(1,10)	1:A:20:THR:O	2:X:7:DA:H5'	7	1.83
(1,10)	1:A:20:THR:O	2:X:7:DA:H5''	7	1.83
(1,10)	1:A:20:THR:O	2:X:7:DA:H61	7	1.83
(1,10)	1:A:20:THR:O	2:X:7:DA:H62	7	1.83
(1,10)	1:A:20:THR:O	2:X:7:DA:H8	7	1.83
(1,10)	1:A:20:THR:O	2:X:7:DA:N1	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:O	2:X:7:DA:N3	7	1.83
(1,10)	1:A:20:THR:O	2:X:7:DA:N6	7	1.83
(1,10)	1:A:20:THR:O	2:X:7:DA:N7	7	1.83
(1,10)	1:A:20:THR:O	2:X:7:DA:N9	7	1.83
(1,10)	1:A:20:THR:O	2:X:7:DA:O3'	7	1.83
(1,10)	1:A:20:THR:O	2:X:7:DA:O4'	7	1.83
(1,10)	1:A:20:THR:O	2:X:7:DA:O5'	7	1.83
(1,10)	1:A:20:THR:O	2:X:7:DA:OP1	7	1.83
(1,10)	1:A:20:THR:O	2:X:7:DA:OP2	7	1.83
(1,10)	1:A:20:THR:O	2:X:7:DA:P	7	1.83
(1,10)	1:A:20:THR:O	2:X:8:DT:C1'	7	1.83
(1,10)	1:A:20:THR:O	2:X:8:DT:C2	7	1.83
(1,10)	1:A:20:THR:O	2:X:8:DT:C2'	7	1.83
(1,10)	1:A:20:THR:O	2:X:8:DT:C3'	7	1.83
(1,10)	1:A:20:THR:O	2:X:8:DT:C4	7	1.83
(1,10)	1:A:20:THR:O	2:X:8:DT:C4'	7	1.83
(1,10)	1:A:20:THR:O	2:X:8:DT:C5	7	1.83
(1,10)	1:A:20:THR:O	2:X:8:DT:C5'	7	1.83
(1,10)	1:A:20:THR:O	2:X:8:DT:C6	7	1.83
(1,10)	1:A:20:THR:O	2:X:8:DT:C7	7	1.83
(1,10)	1:A:20:THR:O	2:X:8:DT:H1'	7	1.83
(1,10)	1:A:20:THR:O	2:X:8:DT:H2'	7	1.83
(1,10)	1:A:20:THR:O	2:X:8:DT:H2''	7	1.83
(1,10)	1:A:20:THR:O	2:X:8:DT:H3	7	1.83
(1,10)	1:A:20:THR:O	2:X:8:DT:H3'	7	1.83
(1,10)	1:A:20:THR:O	2:X:8:DT:H4'	7	1.83
(1,10)	1:A:20:THR:O	2:X:8:DT:H5'	7	1.83
(1,10)	1:A:20:THR:O	2:X:8:DT:H5''	7	1.83
(1,10)	1:A:20:THR:O	2:X:8:DT:H6	7	1.83
(1,10)	1:A:20:THR:O	2:X:8:DT:H71	7	1.83
(1,10)	1:A:20:THR:O	2:X:8:DT:H72	7	1.83
(1,10)	1:A:20:THR:O	2:X:8:DT:H73	7	1.83
(1,10)	1:A:20:THR:O	2:X:8:DT:N1	7	1.83
(1,10)	1:A:20:THR:O	2:X:8:DT:N3	7	1.83
(1,10)	1:A:20:THR:O	2:X:8:DT:O2	7	1.83
(1,10)	1:A:20:THR:O	2:X:8:DT:O3'	7	1.83
(1,10)	1:A:20:THR:O	2:X:8:DT:O4	7	1.83
(1,10)	1:A:20:THR:O	2:X:8:DT:O4'	7	1.83
(1,10)	1:A:20:THR:O	2:X:8:DT:O5'	7	1.83
(1,10)	1:A:20:THR:O	2:X:8:DT:OP1	7	1.83
(1,10)	1:A:20:THR:O	2:X:8:DT:OP2	7	1.83
(1,10)	1:A:20:THR:O	2:X:8:DT:P	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:O	2:X:9:DA:C1'	7	1.83
(1,10)	1:A:20:THR:O	2:X:9:DA:C2	7	1.83
(1,10)	1:A:20:THR:O	2:X:9:DA:C2'	7	1.83
(1,10)	1:A:20:THR:O	2:X:9:DA:C3'	7	1.83
(1,10)	1:A:20:THR:O	2:X:9:DA:C4	7	1.83
(1,10)	1:A:20:THR:O	2:X:9:DA:C4'	7	1.83
(1,10)	1:A:20:THR:O	2:X:9:DA:C5	7	1.83
(1,10)	1:A:20:THR:O	2:X:9:DA:C5'	7	1.83
(1,10)	1:A:20:THR:O	2:X:9:DA:C6	7	1.83
(1,10)	1:A:20:THR:O	2:X:9:DA:C8	7	1.83
(1,10)	1:A:20:THR:O	2:X:9:DA:H1'	7	1.83
(1,10)	1:A:20:THR:O	2:X:9:DA:H2	7	1.83
(1,10)	1:A:20:THR:O	2:X:9:DA:H2'	7	1.83
(1,10)	1:A:20:THR:O	2:X:9:DA:H2''	7	1.83
(1,10)	1:A:20:THR:O	2:X:9:DA:H3'	7	1.83
(1,10)	1:A:20:THR:O	2:X:9:DA:H4'	7	1.83
(1,10)	1:A:20:THR:O	2:X:9:DA:H5'	7	1.83
(1,10)	1:A:20:THR:O	2:X:9:DA:H5''	7	1.83
(1,10)	1:A:20:THR:O	2:X:9:DA:H61	7	1.83
(1,10)	1:A:20:THR:O	2:X:9:DA:H62	7	1.83
(1,10)	1:A:20:THR:O	2:X:9:DA:H8	7	1.83
(1,10)	1:A:20:THR:O	2:X:9:DA:N1	7	1.83
(1,10)	1:A:20:THR:O	2:X:9:DA:N3	7	1.83
(1,10)	1:A:20:THR:O	2:X:9:DA:N6	7	1.83
(1,10)	1:A:20:THR:O	2:X:9:DA:N7	7	1.83
(1,10)	1:A:20:THR:O	2:X:9:DA:N9	7	1.83
(1,10)	1:A:20:THR:O	2:X:9:DA:O3'	7	1.83
(1,10)	1:A:20:THR:O	2:X:9:DA:O4'	7	1.83
(1,10)	1:A:20:THR:O	2:X:9:DA:O5'	7	1.83
(1,10)	1:A:20:THR:O	2:X:9:DA:OP1	7	1.83
(1,10)	1:A:20:THR:O	2:X:9:DA:OP2	7	1.83
(1,10)	1:A:20:THR:O	2:X:9:DA:P	7	1.83
(1,10)	1:A:20:THR:O	2:X:10:DT:C1'	7	1.83
(1,10)	1:A:20:THR:O	2:X:10:DT:C2	7	1.83
(1,10)	1:A:20:THR:O	2:X:10:DT:C2'	7	1.83
(1,10)	1:A:20:THR:O	2:X:10:DT:C3'	7	1.83
(1,10)	1:A:20:THR:O	2:X:10:DT:C4	7	1.83
(1,10)	1:A:20:THR:O	2:X:10:DT:C4'	7	1.83
(1,10)	1:A:20:THR:O	2:X:10:DT:C5	7	1.83
(1,10)	1:A:20:THR:O	2:X:10:DT:C5'	7	1.83
(1,10)	1:A:20:THR:O	2:X:10:DT:C6	7	1.83
(1,10)	1:A:20:THR:O	2:X:10:DT:C7	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:O	2:X:10:DT:H1'	7	1.83
(1,10)	1:A:20:THR:O	2:X:10:DT:H2'	7	1.83
(1,10)	1:A:20:THR:O	2:X:10:DT:H2''	7	1.83
(1,10)	1:A:20:THR:O	2:X:10:DT:H3	7	1.83
(1,10)	1:A:20:THR:O	2:X:10:DT:H3'	7	1.83
(1,10)	1:A:20:THR:O	2:X:10:DT:H4'	7	1.83
(1,10)	1:A:20:THR:O	2:X:10:DT:H5'	7	1.83
(1,10)	1:A:20:THR:O	2:X:10:DT:H5''	7	1.83
(1,10)	1:A:20:THR:O	2:X:10:DT:H6	7	1.83
(1,10)	1:A:20:THR:O	2:X:10:DT:H71	7	1.83
(1,10)	1:A:20:THR:O	2:X:10:DT:H72	7	1.83
(1,10)	1:A:20:THR:O	2:X:10:DT:H73	7	1.83
(1,10)	1:A:20:THR:O	2:X:10:DT:N1	7	1.83
(1,10)	1:A:20:THR:O	2:X:10:DT:N3	7	1.83
(1,10)	1:A:20:THR:O	2:X:10:DT:O2	7	1.83
(1,10)	1:A:20:THR:O	2:X:10:DT:O3'	7	1.83
(1,10)	1:A:20:THR:O	2:X:10:DT:O4	7	1.83
(1,10)	1:A:20:THR:O	2:X:10:DT:O4'	7	1.83
(1,10)	1:A:20:THR:O	2:X:10:DT:O5'	7	1.83
(1,10)	1:A:20:THR:O	2:X:10:DT:OP1	7	1.83
(1,10)	1:A:20:THR:O	2:X:10:DT:OP2	7	1.83
(1,10)	1:A:20:THR:O	2:X:10:DT:P	7	1.83
(1,10)	1:A:20:THR:O	2:X:11:DA:C1'	7	1.83
(1,10)	1:A:20:THR:O	2:X:11:DA:C2	7	1.83
(1,10)	1:A:20:THR:O	2:X:11:DA:C2'	7	1.83
(1,10)	1:A:20:THR:O	2:X:11:DA:C3'	7	1.83
(1,10)	1:A:20:THR:O	2:X:11:DA:C4	7	1.83
(1,10)	1:A:20:THR:O	2:X:11:DA:C4'	7	1.83
(1,10)	1:A:20:THR:O	2:X:11:DA:C5	7	1.83
(1,10)	1:A:20:THR:O	2:X:11:DA:C5'	7	1.83
(1,10)	1:A:20:THR:O	2:X:11:DA:C6	7	1.83
(1,10)	1:A:20:THR:O	2:X:11:DA:C8	7	1.83
(1,10)	1:A:20:THR:O	2:X:11:DA:H1'	7	1.83
(1,10)	1:A:20:THR:O	2:X:11:DA:H2	7	1.83
(1,10)	1:A:20:THR:O	2:X:11:DA:H2'	7	1.83
(1,10)	1:A:20:THR:O	2:X:11:DA:H2''	7	1.83
(1,10)	1:A:20:THR:O	2:X:11:DA:H3'	7	1.83
(1,10)	1:A:20:THR:O	2:X:11:DA:H4'	7	1.83
(1,10)	1:A:20:THR:O	2:X:11:DA:H5'	7	1.83
(1,10)	1:A:20:THR:O	2:X:11:DA:H5''	7	1.83
(1,10)	1:A:20:THR:O	2:X:11:DA:H61	7	1.83
(1,10)	1:A:20:THR:O	2:X:11:DA:H62	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:O	2:X:11:DA:H8	7	1.83
(1,10)	1:A:20:THR:O	2:X:11:DA:N1	7	1.83
(1,10)	1:A:20:THR:O	2:X:11:DA:N3	7	1.83
(1,10)	1:A:20:THR:O	2:X:11:DA:N6	7	1.83
(1,10)	1:A:20:THR:O	2:X:11:DA:N7	7	1.83
(1,10)	1:A:20:THR:O	2:X:11:DA:N9	7	1.83
(1,10)	1:A:20:THR:O	2:X:11:DA:O3'	7	1.83
(1,10)	1:A:20:THR:O	2:X:11:DA:O4'	7	1.83
(1,10)	1:A:20:THR:O	2:X:11:DA:O5'	7	1.83
(1,10)	1:A:20:THR:O	2:X:11:DA:OP1	7	1.83
(1,10)	1:A:20:THR:O	2:X:11:DA:OP2	7	1.83
(1,10)	1:A:20:THR:O	2:X:11:DA:P	7	1.83
(1,10)	1:A:20:THR:O	2:X:12:DG:C1'	7	1.83
(1,10)	1:A:20:THR:O	2:X:12:DG:C2	7	1.83
(1,10)	1:A:20:THR:O	2:X:12:DG:C2'	7	1.83
(1,10)	1:A:20:THR:O	2:X:12:DG:C3'	7	1.83
(1,10)	1:A:20:THR:O	2:X:12:DG:C4	7	1.83
(1,10)	1:A:20:THR:O	2:X:12:DG:C4'	7	1.83
(1,10)	1:A:20:THR:O	2:X:12:DG:C5	7	1.83
(1,10)	1:A:20:THR:O	2:X:12:DG:C5'	7	1.83
(1,10)	1:A:20:THR:O	2:X:12:DG:C6	7	1.83
(1,10)	1:A:20:THR:O	2:X:12:DG:C8	7	1.83
(1,10)	1:A:20:THR:O	2:X:12:DG:H1	7	1.83
(1,10)	1:A:20:THR:O	2:X:12:DG:H1'	7	1.83
(1,10)	1:A:20:THR:O	2:X:12:DG:H2'	7	1.83
(1,10)	1:A:20:THR:O	2:X:12:DG:H2''	7	1.83
(1,10)	1:A:20:THR:O	2:X:12:DG:H21	7	1.83
(1,10)	1:A:20:THR:O	2:X:12:DG:H22	7	1.83
(1,10)	1:A:20:THR:O	2:X:12:DG:H3'	7	1.83
(1,10)	1:A:20:THR:O	2:X:12:DG:H4'	7	1.83
(1,10)	1:A:20:THR:O	2:X:12:DG:H5'	7	1.83
(1,10)	1:A:20:THR:O	2:X:12:DG:H5''	7	1.83
(1,10)	1:A:20:THR:O	2:X:12:DG:H8	7	1.83
(1,10)	1:A:20:THR:O	2:X:12:DG:N1	7	1.83
(1,10)	1:A:20:THR:O	2:X:12:DG:N2	7	1.83
(1,10)	1:A:20:THR:O	2:X:12:DG:N3	7	1.83
(1,10)	1:A:20:THR:O	2:X:12:DG:N7	7	1.83
(1,10)	1:A:20:THR:O	2:X:12:DG:N9	7	1.83
(1,10)	1:A:20:THR:O	2:X:12:DG:O3'	7	1.83
(1,10)	1:A:20:THR:O	2:X:12:DG:O4'	7	1.83
(1,10)	1:A:20:THR:O	2:X:12:DG:O5'	7	1.83
(1,10)	1:A:20:THR:O	2:X:12:DG:O6	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:O	2:X:12:DG:OP1	7	1.83
(1,10)	1:A:20:THR:O	2:X:12:DG:OP2	7	1.83
(1,10)	1:A:20:THR:O	2:X:12:DG:P	7	1.83
(1,10)	1:A:20:THR:O	2:X:13:DT:C1'	7	1.83
(1,10)	1:A:20:THR:O	2:X:13:DT:C2	7	1.83
(1,10)	1:A:20:THR:O	2:X:13:DT:C2'	7	1.83
(1,10)	1:A:20:THR:O	2:X:13:DT:C3'	7	1.83
(1,10)	1:A:20:THR:O	2:X:13:DT:C4	7	1.83
(1,10)	1:A:20:THR:O	2:X:13:DT:C4'	7	1.83
(1,10)	1:A:20:THR:O	2:X:13:DT:C5	7	1.83
(1,10)	1:A:20:THR:O	2:X:13:DT:C5'	7	1.83
(1,10)	1:A:20:THR:O	2:X:13:DT:C6	7	1.83
(1,10)	1:A:20:THR:O	2:X:13:DT:C7	7	1.83
(1,10)	1:A:20:THR:O	2:X:13:DT:H1'	7	1.83
(1,10)	1:A:20:THR:O	2:X:13:DT:H2'	7	1.83
(1,10)	1:A:20:THR:O	2:X:13:DT:H2''	7	1.83
(1,10)	1:A:20:THR:O	2:X:13:DT:H3	7	1.83
(1,10)	1:A:20:THR:O	2:X:13:DT:H3'	7	1.83
(1,10)	1:A:20:THR:O	2:X:13:DT:H4'	7	1.83
(1,10)	1:A:20:THR:O	2:X:13:DT:H5'	7	1.83
(1,10)	1:A:20:THR:O	2:X:13:DT:H5''	7	1.83
(1,10)	1:A:20:THR:O	2:X:13:DT:H6	7	1.83
(1,10)	1:A:20:THR:O	2:X:13:DT:H71	7	1.83
(1,10)	1:A:20:THR:O	2:X:13:DT:H72	7	1.83
(1,10)	1:A:20:THR:O	2:X:13:DT:H73	7	1.83
(1,10)	1:A:20:THR:O	2:X:13:DT:N1	7	1.83
(1,10)	1:A:20:THR:O	2:X:13:DT:N3	7	1.83
(1,10)	1:A:20:THR:O	2:X:13:DT:O2	7	1.83
(1,10)	1:A:20:THR:O	2:X:13:DT:O3'	7	1.83
(1,10)	1:A:20:THR:O	2:X:13:DT:O4	7	1.83
(1,10)	1:A:20:THR:O	2:X:13:DT:O4'	7	1.83
(1,10)	1:A:20:THR:O	2:X:13:DT:O5'	7	1.83
(1,10)	1:A:20:THR:O	2:X:13:DT:OP1	7	1.83
(1,10)	1:A:20:THR:O	2:X:13:DT:OP2	7	1.83
(1,10)	1:A:20:THR:O	2:X:13:DT:P	7	1.83
(1,10)	1:A:20:THR:O	3:Y:3:DA:C1'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:3:DA:C2	7	1.83
(1,10)	1:A:20:THR:O	3:Y:3:DA:C2'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:3:DA:C3'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:3:DA:C4	7	1.83
(1,10)	1:A:20:THR:O	3:Y:3:DA:C4'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:3:DA:C5	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:O	3:Y:3:DA:C5'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:3:DA:C6	7	1.83
(1,10)	1:A:20:THR:O	3:Y:3:DA:C8	7	1.83
(1,10)	1:A:20:THR:O	3:Y:3:DA:H1'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:3:DA:H2	7	1.83
(1,10)	1:A:20:THR:O	3:Y:3:DA:H2'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:3:DA:H2''	7	1.83
(1,10)	1:A:20:THR:O	3:Y:3:DA:H3'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:3:DA:H4'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:3:DA:H5'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:3:DA:H5''	7	1.83
(1,10)	1:A:20:THR:O	3:Y:3:DA:H61	7	1.83
(1,10)	1:A:20:THR:O	3:Y:3:DA:H62	7	1.83
(1,10)	1:A:20:THR:O	3:Y:3:DA:H8	7	1.83
(1,10)	1:A:20:THR:O	3:Y:3:DA:N1	7	1.83
(1,10)	1:A:20:THR:O	3:Y:3:DA:N3	7	1.83
(1,10)	1:A:20:THR:O	3:Y:3:DA:N6	7	1.83
(1,10)	1:A:20:THR:O	3:Y:3:DA:N7	7	1.83
(1,10)	1:A:20:THR:O	3:Y:3:DA:N9	7	1.83
(1,10)	1:A:20:THR:O	3:Y:3:DA:O3'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:3:DA:O4'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:3:DA:O5'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:3:DA:OP1	7	1.83
(1,10)	1:A:20:THR:O	3:Y:3:DA:OP2	7	1.83
(1,10)	1:A:20:THR:O	3:Y:3:DA:P	7	1.83
(1,10)	1:A:20:THR:O	3:Y:4:DC:C1'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:4:DC:C2	7	1.83
(1,10)	1:A:20:THR:O	3:Y:4:DC:C2'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:4:DC:C3'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:4:DC:C4	7	1.83
(1,10)	1:A:20:THR:O	3:Y:4:DC:C4'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:4:DC:C5	7	1.83
(1,10)	1:A:20:THR:O	3:Y:4:DC:C5'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:4:DC:C6	7	1.83
(1,10)	1:A:20:THR:O	3:Y:4:DC:H1'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:4:DC:H2'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:4:DC:H2''	7	1.83
(1,10)	1:A:20:THR:O	3:Y:4:DC:H3'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:4:DC:H4'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:4:DC:H41	7	1.83
(1,10)	1:A:20:THR:O	3:Y:4:DC:H42	7	1.83
(1,10)	1:A:20:THR:O	3:Y:4:DC:H5	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:O	3:Y:4:DC:H5'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:4:DC:H5''	7	1.83
(1,10)	1:A:20:THR:O	3:Y:4:DC:H6	7	1.83
(1,10)	1:A:20:THR:O	3:Y:4:DC:N1	7	1.83
(1,10)	1:A:20:THR:O	3:Y:4:DC:N3	7	1.83
(1,10)	1:A:20:THR:O	3:Y:4:DC:N4	7	1.83
(1,10)	1:A:20:THR:O	3:Y:4:DC:O2	7	1.83
(1,10)	1:A:20:THR:O	3:Y:4:DC:O3'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:4:DC:O4'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:4:DC:O5'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:4:DC:OP1	7	1.83
(1,10)	1:A:20:THR:O	3:Y:4:DC:OP2	7	1.83
(1,10)	1:A:20:THR:O	3:Y:4:DC:P	7	1.83
(1,10)	1:A:20:THR:O	3:Y:5:DT:C1'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:5:DT:C2	7	1.83
(1,10)	1:A:20:THR:O	3:Y:5:DT:C2'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:5:DT:C3'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:5:DT:C4	7	1.83
(1,10)	1:A:20:THR:O	3:Y:5:DT:C4'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:5:DT:C5	7	1.83
(1,10)	1:A:20:THR:O	3:Y:5:DT:C5'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:5:DT:C6	7	1.83
(1,10)	1:A:20:THR:O	3:Y:5:DT:C7	7	1.83
(1,10)	1:A:20:THR:O	3:Y:5:DT:H1'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:5:DT:H2'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:5:DT:H2''	7	1.83
(1,10)	1:A:20:THR:O	3:Y:5:DT:H3	7	1.83
(1,10)	1:A:20:THR:O	3:Y:5:DT:H3'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:5:DT:H4'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:5:DT:H5'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:5:DT:H5''	7	1.83
(1,10)	1:A:20:THR:O	3:Y:5:DT:H6	7	1.83
(1,10)	1:A:20:THR:O	3:Y:5:DT:H71	7	1.83
(1,10)	1:A:20:THR:O	3:Y:5:DT:H72	7	1.83
(1,10)	1:A:20:THR:O	3:Y:5:DT:H73	7	1.83
(1,10)	1:A:20:THR:O	3:Y:5:DT:N1	7	1.83
(1,10)	1:A:20:THR:O	3:Y:5:DT:N3	7	1.83
(1,10)	1:A:20:THR:O	3:Y:5:DT:O2	7	1.83
(1,10)	1:A:20:THR:O	3:Y:5:DT:O3'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:5:DT:O4	7	1.83
(1,10)	1:A:20:THR:O	3:Y:5:DT:O4'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:5:DT:O5'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:O	3:Y:5:DT:OP1	7	1.83
(1,10)	1:A:20:THR:O	3:Y:5:DT:OP2	7	1.83
(1,10)	1:A:20:THR:O	3:Y:5:DT:P	7	1.83
(1,10)	1:A:20:THR:O	3:Y:6:DA:C1'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:6:DA:C2	7	1.83
(1,10)	1:A:20:THR:O	3:Y:6:DA:C2'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:6:DA:C3'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:6:DA:C4	7	1.83
(1,10)	1:A:20:THR:O	3:Y:6:DA:C4'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:6:DA:C5	7	1.83
(1,10)	1:A:20:THR:O	3:Y:6:DA:C5'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:6:DA:C6	7	1.83
(1,10)	1:A:20:THR:O	3:Y:6:DA:C8	7	1.83
(1,10)	1:A:20:THR:O	3:Y:6:DA:H1'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:6:DA:H2	7	1.83
(1,10)	1:A:20:THR:O	3:Y:6:DA:H2'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:6:DA:H2''	7	1.83
(1,10)	1:A:20:THR:O	3:Y:6:DA:H3'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:6:DA:H4'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:6:DA:H5'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:6:DA:H5''	7	1.83
(1,10)	1:A:20:THR:O	3:Y:6:DA:H61	7	1.83
(1,10)	1:A:20:THR:O	3:Y:6:DA:H62	7	1.83
(1,10)	1:A:20:THR:O	3:Y:6:DA:H8	7	1.83
(1,10)	1:A:20:THR:O	3:Y:6:DA:N1	7	1.83
(1,10)	1:A:20:THR:O	3:Y:6:DA:N3	7	1.83
(1,10)	1:A:20:THR:O	3:Y:6:DA:N6	7	1.83
(1,10)	1:A:20:THR:O	3:Y:6:DA:N7	7	1.83
(1,10)	1:A:20:THR:O	3:Y:6:DA:N9	7	1.83
(1,10)	1:A:20:THR:O	3:Y:6:DA:O3'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:6:DA:O4'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:6:DA:O5'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:6:DA:OP1	7	1.83
(1,10)	1:A:20:THR:O	3:Y:6:DA:OP2	7	1.83
(1,10)	1:A:20:THR:O	3:Y:6:DA:P	7	1.83
(1,10)	1:A:20:THR:O	3:Y:7:DT:C1'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:7:DT:C2	7	1.83
(1,10)	1:A:20:THR:O	3:Y:7:DT:C2'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:7:DT:C3'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:7:DT:C4	7	1.83
(1,10)	1:A:20:THR:O	3:Y:7:DT:C4'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:7:DT:C5	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:O	3:Y:7:DT:C5'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:7:DT:C6	7	1.83
(1,10)	1:A:20:THR:O	3:Y:7:DT:C7	7	1.83
(1,10)	1:A:20:THR:O	3:Y:7:DT:H1'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:7:DT:H2'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:7:DT:H2''	7	1.83
(1,10)	1:A:20:THR:O	3:Y:7:DT:H3	7	1.83
(1,10)	1:A:20:THR:O	3:Y:7:DT:H3'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:7:DT:H4'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:7:DT:H5'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:7:DT:H5''	7	1.83
(1,10)	1:A:20:THR:O	3:Y:7:DT:H6	7	1.83
(1,10)	1:A:20:THR:O	3:Y:7:DT:H71	7	1.83
(1,10)	1:A:20:THR:O	3:Y:7:DT:H72	7	1.83
(1,10)	1:A:20:THR:O	3:Y:7:DT:H73	7	1.83
(1,10)	1:A:20:THR:O	3:Y:7:DT:N1	7	1.83
(1,10)	1:A:20:THR:O	3:Y:7:DT:N3	7	1.83
(1,10)	1:A:20:THR:O	3:Y:7:DT:O2	7	1.83
(1,10)	1:A:20:THR:O	3:Y:7:DT:O3'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:7:DT:O4	7	1.83
(1,10)	1:A:20:THR:O	3:Y:7:DT:O4'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:7:DT:O5'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:7:DT:OP1	7	1.83
(1,10)	1:A:20:THR:O	3:Y:7:DT:OP2	7	1.83
(1,10)	1:A:20:THR:O	3:Y:7:DT:P	7	1.83
(1,10)	1:A:20:THR:O	3:Y:8:DA:C1'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:8:DA:C2	7	1.83
(1,10)	1:A:20:THR:O	3:Y:8:DA:C2'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:8:DA:C3'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:8:DA:C4	7	1.83
(1,10)	1:A:20:THR:O	3:Y:8:DA:C4'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:8:DA:C5	7	1.83
(1,10)	1:A:20:THR:O	3:Y:8:DA:C5'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:8:DA:C6	7	1.83
(1,10)	1:A:20:THR:O	3:Y:8:DA:C8	7	1.83
(1,10)	1:A:20:THR:O	3:Y:8:DA:H1'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:8:DA:H2	7	1.83
(1,10)	1:A:20:THR:O	3:Y:8:DA:H2'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:8:DA:H2''	7	1.83
(1,10)	1:A:20:THR:O	3:Y:8:DA:H3'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:8:DA:H4'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:8:DA:H5'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:O	3:Y:8:DA:H5''	7	1.83
(1,10)	1:A:20:THR:O	3:Y:8:DA:H61	7	1.83
(1,10)	1:A:20:THR:O	3:Y:8:DA:H62	7	1.83
(1,10)	1:A:20:THR:O	3:Y:8:DA:H8	7	1.83
(1,10)	1:A:20:THR:O	3:Y:8:DA:N1	7	1.83
(1,10)	1:A:20:THR:O	3:Y:8:DA:N3	7	1.83
(1,10)	1:A:20:THR:O	3:Y:8:DA:N6	7	1.83
(1,10)	1:A:20:THR:O	3:Y:8:DA:N7	7	1.83
(1,10)	1:A:20:THR:O	3:Y:8:DA:N9	7	1.83
(1,10)	1:A:20:THR:O	3:Y:8:DA:O3'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:8:DA:O4'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:8:DA:O5'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:8:DA:OP1	7	1.83
(1,10)	1:A:20:THR:O	3:Y:8:DA:OP2	7	1.83
(1,10)	1:A:20:THR:O	3:Y:8:DA:P	7	1.83
(1,10)	1:A:20:THR:O	3:Y:9:DT:C1'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:9:DT:C2	7	1.83
(1,10)	1:A:20:THR:O	3:Y:9:DT:C2'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:9:DT:C3'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:9:DT:C4	7	1.83
(1,10)	1:A:20:THR:O	3:Y:9:DT:C4'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:9:DT:C5	7	1.83
(1,10)	1:A:20:THR:O	3:Y:9:DT:C5'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:9:DT:C6	7	1.83
(1,10)	1:A:20:THR:O	3:Y:9:DT:C7	7	1.83
(1,10)	1:A:20:THR:O	3:Y:9:DT:H1'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:9:DT:H2'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:9:DT:H2''	7	1.83
(1,10)	1:A:20:THR:O	3:Y:9:DT:H3	7	1.83
(1,10)	1:A:20:THR:O	3:Y:9:DT:H3'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:9:DT:H4'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:9:DT:H5'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:9:DT:H5''	7	1.83
(1,10)	1:A:20:THR:O	3:Y:9:DT:H6	7	1.83
(1,10)	1:A:20:THR:O	3:Y:9:DT:H71	7	1.83
(1,10)	1:A:20:THR:O	3:Y:9:DT:H72	7	1.83
(1,10)	1:A:20:THR:O	3:Y:9:DT:H73	7	1.83
(1,10)	1:A:20:THR:O	3:Y:9:DT:N1	7	1.83
(1,10)	1:A:20:THR:O	3:Y:9:DT:N3	7	1.83
(1,10)	1:A:20:THR:O	3:Y:9:DT:O2	7	1.83
(1,10)	1:A:20:THR:O	3:Y:9:DT:O3'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:9:DT:O4	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:O	3:Y:9:DT:O4'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:9:DT:O5'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:9:DT:OP1	7	1.83
(1,10)	1:A:20:THR:O	3:Y:9:DT:OP2	7	1.83
(1,10)	1:A:20:THR:O	3:Y:9:DT:P	7	1.83
(1,10)	1:A:20:THR:O	3:Y:10:DA:C1'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:10:DA:C2	7	1.83
(1,10)	1:A:20:THR:O	3:Y:10:DA:C2'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:10:DA:C3'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:10:DA:C4	7	1.83
(1,10)	1:A:20:THR:O	3:Y:10:DA:C4'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:10:DA:C5	7	1.83
(1,10)	1:A:20:THR:O	3:Y:10:DA:C5'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:10:DA:C6	7	1.83
(1,10)	1:A:20:THR:O	3:Y:10:DA:C8	7	1.83
(1,10)	1:A:20:THR:O	3:Y:10:DA:H1'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:10:DA:H2	7	1.83
(1,10)	1:A:20:THR:O	3:Y:10:DA:H2'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:10:DA:H2''	7	1.83
(1,10)	1:A:20:THR:O	3:Y:10:DA:H3'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:10:DA:H4'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:10:DA:H5'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:10:DA:H5''	7	1.83
(1,10)	1:A:20:THR:O	3:Y:10:DA:H61	7	1.83
(1,10)	1:A:20:THR:O	3:Y:10:DA:H62	7	1.83
(1,10)	1:A:20:THR:O	3:Y:10:DA:H8	7	1.83
(1,10)	1:A:20:THR:O	3:Y:10:DA:N1	7	1.83
(1,10)	1:A:20:THR:O	3:Y:10:DA:N3	7	1.83
(1,10)	1:A:20:THR:O	3:Y:10:DA:N6	7	1.83
(1,10)	1:A:20:THR:O	3:Y:10:DA:N7	7	1.83
(1,10)	1:A:20:THR:O	3:Y:10:DA:N9	7	1.83
(1,10)	1:A:20:THR:O	3:Y:10:DA:O3'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:10:DA:O4'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:10:DA:O5'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:10:DA:OP1	7	1.83
(1,10)	1:A:20:THR:O	3:Y:10:DA:OP2	7	1.83
(1,10)	1:A:20:THR:O	3:Y:10:DA:P	7	1.83
(1,10)	1:A:20:THR:O	3:Y:11:DT:C1'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:11:DT:C2	7	1.83
(1,10)	1:A:20:THR:O	3:Y:11:DT:C2'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:11:DT:C3'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:11:DT:C4	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:O	3:Y:11:DT:C4'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:11:DT:C5	7	1.83
(1,10)	1:A:20:THR:O	3:Y:11:DT:C5'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:11:DT:C6	7	1.83
(1,10)	1:A:20:THR:O	3:Y:11:DT:C7	7	1.83
(1,10)	1:A:20:THR:O	3:Y:11:DT:H1'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:11:DT:H2'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:11:DT:H2''	7	1.83
(1,10)	1:A:20:THR:O	3:Y:11:DT:H3	7	1.83
(1,10)	1:A:20:THR:O	3:Y:11:DT:H3'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:11:DT:H4'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:11:DT:H5'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:11:DT:H5''	7	1.83
(1,10)	1:A:20:THR:O	3:Y:11:DT:H6	7	1.83
(1,10)	1:A:20:THR:O	3:Y:11:DT:H71	7	1.83
(1,10)	1:A:20:THR:O	3:Y:11:DT:H72	7	1.83
(1,10)	1:A:20:THR:O	3:Y:11:DT:H73	7	1.83
(1,10)	1:A:20:THR:O	3:Y:11:DT:N1	7	1.83
(1,10)	1:A:20:THR:O	3:Y:11:DT:N3	7	1.83
(1,10)	1:A:20:THR:O	3:Y:11:DT:O2	7	1.83
(1,10)	1:A:20:THR:O	3:Y:11:DT:O3'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:11:DT:O4	7	1.83
(1,10)	1:A:20:THR:O	3:Y:11:DT:O4'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:11:DT:O5'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:11:DT:OP1	7	1.83
(1,10)	1:A:20:THR:O	3:Y:11:DT:OP2	7	1.83
(1,10)	1:A:20:THR:O	3:Y:11:DT:P	7	1.83
(1,10)	1:A:20:THR:O	3:Y:12:DC:C1'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:12:DC:C2	7	1.83
(1,10)	1:A:20:THR:O	3:Y:12:DC:C2'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:12:DC:C3'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:12:DC:C4	7	1.83
(1,10)	1:A:20:THR:O	3:Y:12:DC:C4'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:12:DC:C5	7	1.83
(1,10)	1:A:20:THR:O	3:Y:12:DC:C5'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:12:DC:C6	7	1.83
(1,10)	1:A:20:THR:O	3:Y:12:DC:H1'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:12:DC:H2'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:12:DC:H2''	7	1.83
(1,10)	1:A:20:THR:O	3:Y:12:DC:H3'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:12:DC:H4'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:12:DC:H41	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:O	3:Y:12:DC:H42	7	1.83
(1,10)	1:A:20:THR:O	3:Y:12:DC:H5	7	1.83
(1,10)	1:A:20:THR:O	3:Y:12:DC:H5'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:12:DC:H5''	7	1.83
(1,10)	1:A:20:THR:O	3:Y:12:DC:H6	7	1.83
(1,10)	1:A:20:THR:O	3:Y:12:DC:N1	7	1.83
(1,10)	1:A:20:THR:O	3:Y:12:DC:N3	7	1.83
(1,10)	1:A:20:THR:O	3:Y:12:DC:N4	7	1.83
(1,10)	1:A:20:THR:O	3:Y:12:DC:O2	7	1.83
(1,10)	1:A:20:THR:O	3:Y:12:DC:O3'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:12:DC:O4'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:12:DC:O5'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:12:DC:OP1	7	1.83
(1,10)	1:A:20:THR:O	3:Y:12:DC:OP2	7	1.83
(1,10)	1:A:20:THR:O	3:Y:12:DC:P	7	1.83
(1,10)	1:A:20:THR:O	3:Y:13:DA:C1'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:13:DA:C2	7	1.83
(1,10)	1:A:20:THR:O	3:Y:13:DA:C2'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:13:DA:C3'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:13:DA:C4	7	1.83
(1,10)	1:A:20:THR:O	3:Y:13:DA:C4'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:13:DA:C5	7	1.83
(1,10)	1:A:20:THR:O	3:Y:13:DA:C5'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:13:DA:C6	7	1.83
(1,10)	1:A:20:THR:O	3:Y:13:DA:C8	7	1.83
(1,10)	1:A:20:THR:O	3:Y:13:DA:H1'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:13:DA:H2	7	1.83
(1,10)	1:A:20:THR:O	3:Y:13:DA:H2'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:13:DA:H2''	7	1.83
(1,10)	1:A:20:THR:O	3:Y:13:DA:H3'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:13:DA:H4'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:13:DA:H5'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:13:DA:H5''	7	1.83
(1,10)	1:A:20:THR:O	3:Y:13:DA:H61	7	1.83
(1,10)	1:A:20:THR:O	3:Y:13:DA:H62	7	1.83
(1,10)	1:A:20:THR:O	3:Y:13:DA:H8	7	1.83
(1,10)	1:A:20:THR:O	3:Y:13:DA:N1	7	1.83
(1,10)	1:A:20:THR:O	3:Y:13:DA:N3	7	1.83
(1,10)	1:A:20:THR:O	3:Y:13:DA:N6	7	1.83
(1,10)	1:A:20:THR:O	3:Y:13:DA:N7	7	1.83
(1,10)	1:A:20:THR:O	3:Y:13:DA:N9	7	1.83
(1,10)	1:A:20:THR:O	3:Y:13:DA:O3'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:O	3:Y:13:DA:O4'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:13:DA:O5'	7	1.83
(1,10)	1:A:20:THR:O	3:Y:13:DA:OP1	7	1.83
(1,10)	1:A:20:THR:O	3:Y:13:DA:OP2	7	1.83
(1,10)	1:A:20:THR:O	3:Y:13:DA:P	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:3:DT:C1'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:3:DT:C2	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:3:DT:C2'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:3:DT:C3'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:3:DT:C4	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:3:DT:C4'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:3:DT:C5	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:3:DT:C5'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:3:DT:C6	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:3:DT:C7	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:3:DT:H1'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:3:DT:H2'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:3:DT:H2''	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:3:DT:H3	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:3:DT:H3'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:3:DT:H4'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:3:DT:H5'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:3:DT:H5''	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:3:DT:H6	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:3:DT:H71	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:3:DT:H72	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:3:DT:H73	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:3:DT:N1	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:3:DT:N3	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:3:DT:O2	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:3:DT:O3'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:3:DT:O4	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:3:DT:O4'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:3:DT:O5'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:3:DT:OP1	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:3:DT:OP2	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:3:DT:P	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:4:DG:C1'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:4:DG:C2	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:4:DG:C2'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:4:DG:C3'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:4:DG:C4	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:OG1	2:X:4:DG:C4'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:4:DG:C5	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:4:DG:C5'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:4:DG:C6	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:4:DG:C8	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:4:DG:H1	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:4:DG:H1'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:4:DG:H2'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:4:DG:H2''	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:4:DG:H21	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:4:DG:H22	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:4:DG:H3'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:4:DG:H4'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:4:DG:H5'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:4:DG:H5''	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:4:DG:H8	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:4:DG:N1	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:4:DG:N2	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:4:DG:N3	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:4:DG:N7	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:4:DG:N9	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:4:DG:O3'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:4:DG:O4'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:4:DG:O5'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:4:DG:O6	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:4:DG:OP1	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:4:DG:OP2	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:4:DG:P	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:5:DA:C1'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:5:DA:C2	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:5:DA:C2'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:5:DA:C3'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:5:DA:C4	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:5:DA:C4'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:5:DA:C5	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:5:DA:C5'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:5:DA:C6	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:5:DA:C8	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:5:DA:H1'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:5:DA:H2	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:5:DA:H2'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:5:DA:H2''	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:OG1	2:X:5:DA:H3'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:5:DA:H4'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:5:DA:H5'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:5:DA:H5''	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:5:DA:H61	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:5:DA:H62	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:5:DA:H8	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:5:DA:N1	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:5:DA:N3	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:5:DA:N6	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:5:DA:N7	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:5:DA:N9	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:5:DA:O3'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:5:DA:O4'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:5:DA:O5'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:5:DA:OP1	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:5:DA:OP2	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:5:DA:P	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:6:DT:C1'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:6:DT:C2	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:6:DT:C2'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:6:DT:C3'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:6:DT:C4	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:6:DT:C4'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:6:DT:C5	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:6:DT:C5'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:6:DT:C6	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:6:DT:C7	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:6:DT:H1'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:6:DT:H2'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:6:DT:H2''	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:6:DT:H3	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:6:DT:H3'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:6:DT:H4'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:6:DT:H5'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:6:DT:H5''	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:6:DT:H6	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:6:DT:H71	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:6:DT:H72	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:6:DT:H73	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:6:DT:N1	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:6:DT:N3	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:OG1	2:X:6:DT:O2	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:6:DT:O3'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:6:DT:O4	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:6:DT:O4'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:6:DT:O5'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:6:DT:OP1	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:6:DT:OP2	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:6:DT:P	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:7:DA:C1'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:7:DA:C2	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:7:DA:C2'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:7:DA:C3'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:7:DA:C4	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:7:DA:C4'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:7:DA:C5	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:7:DA:C5'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:7:DA:C6	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:7:DA:C8	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:7:DA:H1'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:7:DA:H2	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:7:DA:H2'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:7:DA:H2''	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:7:DA:H3'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:7:DA:H4'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:7:DA:H5'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:7:DA:H5''	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:7:DA:H61	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:7:DA:H62	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:7:DA:H8	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:7:DA:N1	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:7:DA:N3	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:7:DA:N6	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:7:DA:N7	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:7:DA:N9	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:7:DA:O3'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:7:DA:O4'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:7:DA:O5'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:7:DA:OP1	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:7:DA:OP2	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:7:DA:P	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:8:DT:C1'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:8:DT:C2	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:OG1	2:X:8:DT:C2'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:8:DT:C3'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:8:DT:C4	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:8:DT:C4'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:8:DT:C5	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:8:DT:C5'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:8:DT:C6	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:8:DT:C7	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:8:DT:H1'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:8:DT:H2'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:8:DT:H2''	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:8:DT:H3	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:8:DT:H3'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:8:DT:H4'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:8:DT:H5'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:8:DT:H5''	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:8:DT:H6	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:8:DT:H71	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:8:DT:H72	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:8:DT:H73	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:8:DT:N1	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:8:DT:N3	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:8:DT:O2	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:8:DT:O3'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:8:DT:O4	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:8:DT:O4'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:8:DT:O5'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:8:DT:OP1	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:8:DT:OP2	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:8:DT:P	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:9:DA:C1'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:9:DA:C2	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:9:DA:C2'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:9:DA:C3'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:9:DA:C4	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:9:DA:C4'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:9:DA:C5	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:9:DA:C5'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:9:DA:C6	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:9:DA:C8	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:9:DA:H1'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:9:DA:H2	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:OG1	2:X:9:DA:H2'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:9:DA:H2''	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:9:DA:H3'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:9:DA:H4'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:9:DA:H5'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:9:DA:H5''	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:9:DA:H61	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:9:DA:H62	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:9:DA:H8	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:9:DA:N1	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:9:DA:N3	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:9:DA:N6	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:9:DA:N7	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:9:DA:N9	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:9:DA:O3'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:9:DA:O4'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:9:DA:O5'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:9:DA:OP1	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:9:DA:OP2	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:9:DA:P	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:10:DT:C1'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:10:DT:C2	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:10:DT:C2'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:10:DT:C3'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:10:DT:C4	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:10:DT:C4'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:10:DT:C5	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:10:DT:C5'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:10:DT:C6	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:10:DT:C7	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:10:DT:H1'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:10:DT:H2'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:10:DT:H2''	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:10:DT:H3	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:10:DT:H3'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:10:DT:H4'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:10:DT:H5'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:10:DT:H5''	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:10:DT:H6	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:10:DT:H71	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:10:DT:H72	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:10:DT:H73	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:OG1	2:X:10:DT:N1	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:10:DT:N3	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:10:DT:O2	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:10:DT:O3'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:10:DT:O4	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:10:DT:O4'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:10:DT:O5'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:10:DT:OP1	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:10:DT:OP2	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:10:DT:P	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:11:DA:C1'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:11:DA:C2	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:11:DA:C2'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:11:DA:C3'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:11:DA:C4	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:11:DA:C4'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:11:DA:C5	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:11:DA:C5'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:11:DA:C6	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:11:DA:C8	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:11:DA:H1'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:11:DA:H2	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:11:DA:H2'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:11:DA:H2''	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:11:DA:H3'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:11:DA:H4'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:11:DA:H5'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:11:DA:H5''	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:11:DA:H61	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:11:DA:H62	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:11:DA:H8	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:11:DA:N1	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:11:DA:N3	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:11:DA:N6	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:11:DA:N7	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:11:DA:N9	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:11:DA:O3'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:11:DA:O4'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:11:DA:O5'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:11:DA:OP1	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:11:DA:OP2	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:11:DA:P	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:OG1	2:X:12:DG:C1'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:12:DG:C2	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:12:DG:C2'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:12:DG:C3'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:12:DG:C4	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:12:DG:C4'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:12:DG:C5	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:12:DG:C5'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:12:DG:C6	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:12:DG:C8	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:12:DG:H1	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:12:DG:H1'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:12:DG:H2'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:12:DG:H2''	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:12:DG:H21	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:12:DG:H22	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:12:DG:H3'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:12:DG:H4'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:12:DG:H5'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:12:DG:H5''	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:12:DG:H8	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:12:DG:N1	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:12:DG:N2	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:12:DG:N3	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:12:DG:N7	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:12:DG:N9	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:12:DG:O3'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:12:DG:O4'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:12:DG:O5'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:12:DG:O6	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:12:DG:OP1	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:12:DG:OP2	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:12:DG:P	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:13:DT:C1'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:13:DT:C2	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:13:DT:C2'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:13:DT:C3'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:13:DT:C4	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:13:DT:C4'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:13:DT:C5	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:13:DT:C5'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:13:DT:C6	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:OG1	2:X:13:DT:C7	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:13:DT:H1'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:13:DT:H2'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:13:DT:H2''	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:13:DT:H3	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:13:DT:H3'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:13:DT:H4'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:13:DT:H5'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:13:DT:H5''	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:13:DT:H6	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:13:DT:H71	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:13:DT:H72	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:13:DT:H73	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:13:DT:N1	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:13:DT:N3	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:13:DT:O2	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:13:DT:O3'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:13:DT:O4	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:13:DT:O4'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:13:DT:O5'	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:13:DT:OP1	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:13:DT:OP2	7	1.83
(1,10)	1:A:20:THR:OG1	2:X:13:DT:P	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:C1'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:C2	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:C2'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:C3'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:C4	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:C4'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:C5	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:C5'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:C6	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:C8	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:H1'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:H2	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:H2'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:H2''	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:H3'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:H4'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:H5'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:H5''	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:H61	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:H62	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:H8	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:N1	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:N3	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:N6	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:N7	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:N9	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:O3'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:O4'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:O5'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:OP1	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:OP2	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:3:DA:P	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:C1'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:C2	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:C2'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:C3'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:C4	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:C4'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:C5	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:C5'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:C6	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:H1'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:H2'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:H2''	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:H3'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:H4'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:H41	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:H42	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:H5	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:H5'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:H5''	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:H6	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:N1	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:N3	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:N4	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:O2	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:O3'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:O4'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:O5'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:OP1	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:OP2	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:OG1	3:Y:4:DC:P	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:C1'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:C2	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:C2'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:C3'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:C4	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:C4'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:C5	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:C5'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:C6	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:C7	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:H1'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:H2'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:H2''	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:H3	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:H3'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:H4'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:H5'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:H5''	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:H6	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:H71	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:H72	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:H73	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:N1	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:N3	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:O2	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:O3'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:O4	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:O4'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:O5'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:OP1	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:OP2	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:5:DT:P	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:C1'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:C2	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:C2'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:C3'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:C4	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:C4'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:C5	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:C5'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:C6	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:C8	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:H1'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:H2	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:H2'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:H2''	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:H3'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:H4'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:H5'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:H5''	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:H61	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:H62	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:H8	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:N1	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:N3	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:N6	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:N7	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:N9	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:O3'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:O4'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:O5'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:OP1	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:OP2	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:6:DA:P	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:C1'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:C2	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:C2'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:C3'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:C4	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:C4'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:C5	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:C5'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:C6	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:C7	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:H1'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:H2'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:H2''	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:H3	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:H3'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:H4'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:H5'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:H5''	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:H6	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:H71	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:H72	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:H73	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:N1	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:N3	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:O2	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:O3'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:O4	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:O4'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:O5'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:OP1	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:OP2	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:7:DT:P	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:C1'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:C2	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:C2'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:C3'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:C4	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:C4'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:C5	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:C5'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:C6	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:C8	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:H1'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:H2	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:H2'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:H2''	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:H3'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:H4'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:H5'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:H5''	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:H61	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:H62	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:H8	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:N1	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:N3	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:N6	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:N7	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:N9	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:O3'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:O4'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:O5'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:OP1	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:OP2	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:8:DA:P	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:C1'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:C2	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:C2'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:C3'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:C4	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:C4'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:C5	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:C5'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:C6	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:C7	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:H1'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:H2'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:H2''	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:H3	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:H3'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:H4'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:H5'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:H5''	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:H6	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:H71	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:H72	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:H73	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:N1	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:N3	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:O2	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:O3'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:O4	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:O4'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:O5'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:OP1	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:OP2	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:9:DT:P	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:C1'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:C2	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:C2'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:C3'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:C4	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:C4'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:C5	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:C5'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:C6	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:C8	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:H1'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:H2	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:H2'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:H2''	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:H3'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:H4'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:H5'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:H5''	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:H61	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:H62	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:H8	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:N1	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:N3	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:N6	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:N7	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:N9	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:O3'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:O4'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:O5'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:OP1	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:OP2	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:10:DA:P	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:C1'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:C2	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:C2'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:C3'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:C4	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:C4'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:C5	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:C5'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:C6	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:C7	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:H1'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:H2'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:H2''	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:H3	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:H3'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:H4'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:H5'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:H5''	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:H6	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:H71	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:H72	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:H73	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:N1	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:N3	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:O2	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:O3'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:O4	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:O4'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:O5'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:OP1	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:OP2	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:11:DT:P	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:C1'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:C2	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:C2'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:C3'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:C4	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:C4'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:C5	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:C5'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:C6	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:H1'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:H2'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:H2''	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:H3'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:H4'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:H41	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:H42	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:H5	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:H5'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:H5''	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:H6	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:N1	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:N3	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:N4	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:O2	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:O3'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:O4'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:O5'	7	1.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:OP1	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:OP2	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:12:DC:P	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:C1'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:C2	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:C2'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:C3'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:C4	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:C4'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:C5	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:C5'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:C6	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:C8	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:H1'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:H2	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:H2'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:H2''	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:H3'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:H4'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:H5'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:H5''	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:H61	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:H62	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:H8	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:N1	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:N3	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:N6	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:N7	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:N9	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:O3'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:O4'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:O5'	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:OP1	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:OP2	7	1.83
(1,10)	1:A:20:THR:OG1	3:Y:13:DA:P	7	1.83
(1,34)	3:Y:11:DT:C1'	1:A:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:C1'	1:A:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:C1'	1:A:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:C1'	1:A:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:C1'	1:A:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:C1'	1:A:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:C1'	1:A:3:HIS:H	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C1 [?]	1:A:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:9:TRP:CE3	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C1 [?]	1:A:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:16:ARG:HH11	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C1 [?]	1:A:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:A:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:B:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:B:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:B:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:B:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:B:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:B:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:B:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:B:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:B:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:B:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:B:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:C1 [?]	1:B:3:HIS:O	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C1'	1:B:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:9:TRP:H	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C1'	1:B:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:NE	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:C1'	1:B:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:7:LYS:CE	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C2	1:A:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:10:GLY:C	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C2	1:A:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:18:PRO:CA	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C2	1:A:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:C2	1:A:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:7:LYS:HZ3	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C2	1:B:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:11:ASN:C	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C2	1:B:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:18:PRO:O	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C2	1:B:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:C2	1:B:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:C2 [?]	1:A:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:C2 [?]	1:A:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:C2 [?]	1:A:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:C2 [?]	1:A:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:C2 [?]	1:A:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:C2 [?]	1:A:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:C2 [?]	1:A:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:C2 [?]	1:A:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:C2 [?]	1:A:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:C2 [?]	1:A:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:C2 [?]	1:A:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:C2 [?]	1:A:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:C2 [?]	1:A:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:C2 [?]	1:A:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:C2 [?]	1:A:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:C2 [?]	1:A:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:C2 [?]	1:A:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:C2 [?]	1:A:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:C2 [?]	1:A:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:C2 [?]	1:A:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:C2 [?]	1:A:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:C2 [?]	1:A:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:C2 [?]	1:A:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:C2 [?]	1:A:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:C2 [?]	1:A:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:C2 [?]	1:A:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:C2 [?]	1:A:8:ARG:CA	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C2'	1:A:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:11:ASN:HD21	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C2'	1:A:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:19:ALA:N	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C2'	1:A:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:C2'	1:A:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:H	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:11:ASN:OD1	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C2'	1:B:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:20:THR:CG2	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C2'	1:B:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:C2'	1:B:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:HH22	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:12:SER:HG	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C3'	1:A:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:C3'	1:A:20:THR:OG1	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C3'	1:B:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:8:ARG:O	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C3'	1:B:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:CA	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:C3'	1:B:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:3:HIS:CE1	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C4	1:A:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:9:TRP:CD2	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C4	1:A:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:H	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:C4	1:A:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:3:HIS:ND1	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C4	1:B:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:9:TRP:CZ2	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C4	1:B:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:HH22	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:C4	1:B:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:C4 [?]	1:A:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:C4 [?]	1:A:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:C4 [?]	1:A:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:C4 [?]	1:A:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:C4 [?]	1:A:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:C4 [?]	1:A:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:C4 [?]	1:A:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:C4 [?]	1:A:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:C4 [?]	1:A:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:C4 [?]	1:A:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:C4 [?]	1:A:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:C4 [?]	1:A:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:C4 [?]	1:A:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:C4 [?]	1:A:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:C4 [?]	1:A:7:LYS:CB	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C4'	1:A:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:9:TRP:NE1	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C4'	1:A:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:O	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C4'	1:A:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:C4'	1:A:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:7:LYS:HZ1	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C4'	1:B:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:10:GLY:N	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C4'	1:B:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:18:PRO:CG	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C4'	1:B:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:C4'	1:B:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:7:LYS:O	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:11:ASN:CG	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C5	1:A:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:19:ALA:CB	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C5	1:A:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:C5	1:A:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:CG	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:11:ASN:ND2	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C5	1:B:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:20:THR:CA	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C5	1:B:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:C5	1:B:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:C5 [?]	1:A:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:C5 [?]	1:A:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:C5 [?]	1:A:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:C5 [?]	1:A:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:C5 [?]	1:A:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:C5 [?]	1:A:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:C5 [?]	1:A:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:C5 [?]	1:A:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:C5 [?]	1:A:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:C5 [?]	1:A:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:C5 [?]	1:A:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:C5 [?]	1:A:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:C5 [?]	1:A:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:C5 [?]	1:A:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:C5 [?]	1:A:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:C5 [?]	1:A:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:C5 [?]	1:A:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:C5 [?]	1:A:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:C5 [?]	1:A:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:C5 [?]	1:A:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:C5 [?]	1:A:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:C5 [?]	1:A:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:C5 [?]	1:A:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:C5 [?]	1:A:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:C5 [?]	1:A:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:C5 [?]	1:A:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:C5 [?]	1:A:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:C5 [?]	1:A:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:C5 [?]	1:A:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:C5 [?]	1:A:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:C5 [?]	1:A:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:C5 [?]	1:A:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:C5 [?]	1:A:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:C5 [?]	1:A:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:C5 [?]	1:A:8:ARG:HH12	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C5 ^γ	1:A:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:A:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:A:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:A:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:A:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:A:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:A:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:A:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:A:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:A:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:A:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:A:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:A:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:A:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:A:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:A:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:A:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:A:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:A:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:A:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:A:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:A:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:A:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:A:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:A:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:A:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:A:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:A:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:A:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:A:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:A:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:A:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:A:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:A:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:A:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:A:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:A:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:A:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:A:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:A:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:A:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:A:12:SER:CB	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C5'	1:A:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:C5'	1:A:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:C5'	1:A:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:C5'	1:A:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:C5'	1:A:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:C5'	1:A:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:C5'	1:A:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:C5'	1:A:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:C5'	1:A:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:C5'	1:A:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:C5'	1:A:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:C5'	1:A:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:C5'	1:A:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:C5'	1:A:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:C5'	1:A:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:C5'	1:A:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:C5'	1:A:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:C5'	1:A:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:C5'	1:A:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:C5'	1:A:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:C5'	1:A:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:C5'	1:A:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:C5'	1:A:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:C5'	1:A:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:C5'	1:A:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:C5'	1:A:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:C5'	1:A:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:C5'	1:A:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:C5'	1:A:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:C5'	1:A:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:C5'	1:A:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:C5'	1:A:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:C5'	1:A:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:C5'	1:A:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:C5'	1:A:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:C5'	1:A:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:C5'	1:A:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:C5'	1:A:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:C5'	1:A:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:C5'	1:A:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:C5'	1:A:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:C5'	1:A:20:THR:N	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C5 ^γ	1:A:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:A:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:8:ARG:NH1	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C5'	1:B:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:C5'	1:B:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:C5'	1:B:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:C5'	1:B:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:C5'	1:B:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:C5'	1:B:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:C5'	1:B:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:C5'	1:B:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:C5'	1:B:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:C5'	1:B:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:C5'	1:B:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:C5'	1:B:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:C5'	1:B:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:C5'	1:B:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:C5'	1:B:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:C5'	1:B:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:C5'	1:B:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:C5'	1:B:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:C5'	1:B:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:C5'	1:B:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:C5'	1:B:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:C5'	1:B:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:C5'	1:B:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:C5'	1:B:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:C5'	1:B:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:C5'	1:B:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:C5'	1:B:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:C5'	1:B:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:C5'	1:B:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:C5'	1:B:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:C5'	1:B:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:C5'	1:B:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:C5'	1:B:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:C5'	1:B:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:C5'	1:B:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:C5'	1:B:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:C5'	1:B:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:C5'	1:B:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:C5'	1:B:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:C5'	1:B:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:C5'	1:B:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:C5'	1:B:12:SER:OG	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C5 ^γ	1:B:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:C5 ^γ	1:B:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:3:HIS:CB	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C6	1:A:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:9:TRP:CB	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C6	1:A:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:CG	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:C6	1:A:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:3:HIS:HD1	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C6	1:B:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:9:TRP:CG	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C6	1:B:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:HH12	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:C6	1:B:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:7:LYS:C	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C7	1:A:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:9:TRP:HE1	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C7	1:A:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:NH1	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:C7	1:A:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:7:LYS:CG	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C7	1:B:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:10:GLY:CA	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C7	1:B:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:18:PRO:CB	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C7	1:B:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:C7	1:B:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:7:LYS:N	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H1 [?]	1:A:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:11:ASN:CA	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H1?	1:A:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:H1?	1:A:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:H1?	1:A:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:H1?	1:A:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:H1?	1:A:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:H1?	1:A:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:H1?	1:A:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:H1?	1:A:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:H1?	1:A:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:H1?	1:A:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:H1?	1:A:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:H1?	1:A:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:H1?	1:A:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:H1?	1:A:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:H1?	1:A:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:H1?	1:A:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:H1?	1:A:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:H1?	1:A:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:H1?	1:A:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:H1?	1:A:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:H1?	1:A:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:H1?	1:A:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:H1?	1:A:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:H1?	1:A:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:H1?	1:A:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:H1?	1:A:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:H1?	1:A:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:H1?	1:A:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:H1?	1:A:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:H1?	1:A:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:H1?	1:A:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:H1?	1:A:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:H1?	1:A:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:H1?	1:A:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:H1?	1:A:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:H1?	1:A:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:H1?	1:A:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:H1?	1:A:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:H1?	1:A:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:H1?	1:A:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:H1?	1:A:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:H1?	1:A:19:ALA:C	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H1 [?]	1:A:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:A:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:CB	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:11:ASN:HD22	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H1 [?]	1:B:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:19:ALA:O	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H1 [?]	1:B:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:H1 [?]	1:B:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:HE	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:12:SER:C	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H2 [?]	1:A:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:20:THR:H	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H2 [?]	1:A:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:A:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:N	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:H2 [?]	1:B:12:SER:N	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H2'	1:B:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:H2'	1:B:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:H2'	1:B:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:H2'	1:B:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:H2'	1:B:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:H2'	1:B:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:H2'	1:B:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:H2'	1:B:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:H2'	1:B:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:H2'	1:B:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:H2'	1:B:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:H2'	1:B:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:H2'	1:B:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:H2'	1:B:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:H2'	1:B:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:H2'	1:B:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:H2'	1:B:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:H2'	1:B:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:H2'	1:B:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:H2'	1:B:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:H2'	1:B:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:H2'	1:B:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:H2'	1:B:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:H2'	1:B:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:H2'	1:B:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:H2'	1:B:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:H2'	1:B:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:H2'	1:B:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:H2'	1:B:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:H2'	1:B:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:H2'	1:B:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:H2'	1:B:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:H2'	1:B:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:H2'	1:B:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:H2'	1:B:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:H2'	1:B:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:H2'	1:B:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:H2'	1:B:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:H2'	1:B:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:H2'	1:B:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:H2'	1:B:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:H2'	1:A:3:HIS:C	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H2''	1:A:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:9:TRP:C	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H2''	1:A:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:CB	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:H2''	1:A:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:3:HIS:CG	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H2''	1:B:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:9:TRP:CE2	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H2''	1:B:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:HE	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:H2''	1:B:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:3:HIS:NE2	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H3	1:A:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:9:TRP:CZ3	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H3	1:A:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:N	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:H3	1:A:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:7:LYS:CD	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H3	1:B:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:9:TRP:O	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H3	1:B:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:18:PRO:C	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H3	1:B:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:H3	1:B:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:7:LYS:HZ2	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H3 [?]	1:A:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:10:GLY:O	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H3 [?]	1:A:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:18:PRO:N	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H3 [?]	1:A:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:A:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:8:ARG:C	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H3 [?]	1:B:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:11:ASN:H	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H3 [?]	1:B:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:19:ALA:H	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H3 [?]	1:B:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:H3 [?]	1:B:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:CZ	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:11:ASN:O	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H4 [?]	1:A:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:20:THR:CB	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H4 [?]	1:A:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:A:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:HH21	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:H4 [?]	1:B:12:SER:H	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H4'	1:B:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:H4'	1:B:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:H4'	1:B:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:H4'	1:B:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:H4'	1:B:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:H4'	1:B:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:H4'	1:B:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:H4'	1:B:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:H4'	1:B:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:H4'	1:B:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:H4'	1:B:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:H4'	1:B:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:H4'	1:B:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:H4'	1:B:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:H4'	1:B:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:H4'	1:B:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:H4'	1:B:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:H4'	1:B:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:H4'	1:B:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:H4'	1:B:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:H4'	1:B:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:H4'	1:B:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:H4'	1:B:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:H4'	1:B:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:H4'	1:B:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:H4'	1:B:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:H4'	1:B:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:H4'	1:B:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:H4'	1:B:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:H4'	1:B:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:H4'	1:B:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:H4'	1:B:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:H4'	1:B:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:H4'	1:B:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:H4'	1:B:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:H4'	1:B:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:H4'	1:B:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:H4'	1:B:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:H4'	1:B:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:H4'	1:B:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:H4'	1:B:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:H4'	1:B:20:THR:O	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H4 [?]	1:B:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:8:ARG:NH2	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H5 [?]	1:A:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:A:16:ARG:C	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H5 ⁷	1:A:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:H5 ⁷	1:A:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:H5 ⁷	1:A:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:H5 ⁷	1:A:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:H5 ⁷	1:A:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:H5 ⁷	1:A:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:H5 ⁷	1:A:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:H5 ⁷	1:A:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:H5 ⁷	1:A:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:H5 ⁷	1:A:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:H5 ⁷	1:A:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:H5 ⁷	1:A:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:H5 ⁷	1:A:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:H5 ⁷	1:A:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:H5 ⁷	1:A:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:H5 ⁷	1:A:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:H5 ⁷	1:A:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:H5 ⁷	1:A:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:H5 ⁷	1:A:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:H5 ⁷	1:A:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:H5 ⁷	1:A:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:H5 ⁷	1:A:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:H5 ⁷	1:A:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:H5 ⁷	1:A:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:H5 ⁷	1:A:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:H5 ⁷	1:A:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:H5 ⁷	1:A:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:H5 ⁷	1:A:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:H5 ⁷	1:A:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:H5 ⁷	1:A:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:H5 ⁷	1:A:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:H5 ⁷	1:A:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:H5 ⁷	1:A:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:H5 ⁷	1:A:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:H5 ⁷	1:A:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:H5 ⁷	1:A:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:H5 ⁷	1:A:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:H5 ⁷	1:A:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:H5 ⁷	1:B:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:H5 ⁷	1:B:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:H5 ⁷	1:B:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:H5 ⁷	1:B:3:HIS:CD2	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H5 [?]	1:B:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:9:TRP:CD1	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H5 [?]	1:B:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:16:ARG:CZ	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H5 [?]	1:B:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:H5 [?]	1:B:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:H5 ^{??}	1:A:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:H5 ^{??}	1:A:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:H5 ^{??}	1:A:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:H5 ^{??}	1:A:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:H5 ^{??}	1:A:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:H5 ^{??}	1:A:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:H5 ^{??}	1:A:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:H5 ^{??}	1:A:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:H5 ^{??}	1:A:3:HIS:N	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H5''	1:A:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:9:TRP:CH2	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H5''	1:A:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:HH21	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:H5''	1:A:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:7:LYS:CA	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H5''	1:B:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:9:TRP:N	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H5''	1:B:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:NH2	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:H5''	1:B:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:7:LYS:H	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H6	1:A:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:10:GLY:H	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H6	1:A:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:18:PRO:CD	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H6	1:A:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:H6	1:A:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:7:LYS:NZ	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H6	1:B:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:11:ASN:CB	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H6	1:B:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:19:ALA:CA	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H6	1:B:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:H6	1:B:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:CD	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:11:ASN:N	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H71	1:A:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:20:THR:C	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H71	1:A:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:H71	1:A:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:HH11	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:12:SER:CA	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H71	1:B:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:20:THR:HG1	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H71	1:B:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:H71	1:B:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:NE	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:12:SER:O	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H72	1:A:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:H72	1:A:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:3:HIS:CA	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H72	1:B:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:9:TRP:CA	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H72	1:B:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:CD	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:H72	1:B:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:3:HIS:H	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H73	1:A:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:9:TRP:CE3	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H73	1:A:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:HH11	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:H73	1:A:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:3:HIS:O	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H73	1:B:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:9:TRP:H	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H73	1:B:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:NE	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:H73	1:B:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:7:LYS:CE	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:N1	1:A:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:10:GLY:C	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:N1	1:A:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:18:PRO:CA	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:N1	1:A:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:N1	1:A:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:7:LYS:HZ3	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:N1	1:B:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:11:ASN:C	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:N1	1:B:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:18:PRO:O	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:N1	1:B:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:N1	1:B:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:CA	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:11:ASN:HD21	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:N3	1:A:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:19:ALA:N	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:N3	1:A:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:N3	1:A:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:H	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:11:ASN:OD1	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:N3	1:B:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:20:THR:CG2	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:N3	1:B:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:N3	1:B:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:HH22	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:12:SER:HG	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O2	1:A:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:O2	1:A:20:THR:OG1	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O2	1:B:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:O	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O2	1:B:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:CA	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:O2	1:B:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:3:HIS:CE1	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O3'	1:A:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:9:TRP:CD2	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O3'	1:A:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:H	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:O3'	1:A:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:3:HIS:ND1	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O3'	1:B:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:9:TRP:CZ2	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O3'	1:B:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:HH22	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:O3'	1:B:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:7:LYS:CB	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O4	1:A:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:9:TRP:NE1	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O4	1:A:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:O	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O4	1:A:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:O4	1:A:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:7:LYS:HZ1	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O4	1:B:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:10:GLY:N	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O4	1:B:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:18:PRO:CG	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O4	1:B:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:O4	1:B:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:O4 [?]	1:A:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:O4 [?]	1:A:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:O4 [?]	1:A:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:O4 [?]	1:A:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:O4 [?]	1:A:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:O4 [?]	1:A:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:O4 [?]	1:A:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:O4 [?]	1:A:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:O4 [?]	1:A:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:O4 [?]	1:A:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:O4 [?]	1:A:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:O4 [?]	1:A:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:O4 [?]	1:A:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:O4 [?]	1:A:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:O4 [?]	1:A:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:O4 [?]	1:A:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:O4 [?]	1:A:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:O4 [?]	1:A:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:O4 [?]	1:A:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:O4 [?]	1:A:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:O4 [?]	1:A:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:O4 [?]	1:A:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:O4 [?]	1:A:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:O4 [?]	1:A:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:O4 [?]	1:A:7:LYS:O	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O4'	1:A:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:11:ASN:CG	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O4'	1:A:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:19:ALA:CB	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O4'	1:A:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:O4'	1:A:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:CG	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:11:ASN:ND2	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O4'	1:B:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:20:THR:CA	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O4'	1:B:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:O4'	1:B:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:HH12	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:12:SER:CB	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O5'	1:A:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:O5'	1:A:20:THR:N	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O5 ⁷	1:A:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:O5 ⁷	1:A:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:O5 ⁷	1:B:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:O5 ⁷	1:B:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:O5 ⁷	1:B:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:O5 ⁷	1:B:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:O5 ⁷	1:B:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:O5 ⁷	1:B:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:O5 ⁷	1:B:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:O5 ⁷	1:B:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:O5 ⁷	1:B:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:O5 ⁷	1:B:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:O5 ⁷	1:B:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:O5 ⁷	1:B:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:O5 ⁷	1:B:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:O5 ⁷	1:B:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:O5 ⁷	1:B:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:O5 ⁷	1:B:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:O5 ⁷	1:B:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:O5 ⁷	1:B:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:O5 ⁷	1:B:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:O5 ⁷	1:B:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:O5 ⁷	1:B:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:O5 ⁷	1:B:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:O5 ⁷	1:B:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:O5 ⁷	1:B:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:O5 ⁷	1:B:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:O5 ⁷	1:B:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:O5 ⁷	1:B:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:O5 ⁷	1:B:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:O5 ⁷	1:B:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:O5 ⁷	1:B:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:O5 ⁷	1:B:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:O5 ⁷	1:B:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:O5 ⁷	1:B:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:O5 ⁷	1:B:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:O5 ⁷	1:B:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:O5 ⁷	1:B:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:O5 ⁷	1:B:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:O5 ⁷	1:B:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:O5 ⁷	1:B:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:O5 ⁷	1:B:8:ARG:NH1	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O5'	1:B:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:12:SER:OG	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:O5'	1:B:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:3:HIS:CB	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:OP1	1:A:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:9:TRP:CB	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:OP1	1:A:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:CG	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:OP1	1:A:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:3:HIS:HD1	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:OP1	1:B:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:9:TRP:CG	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:OP1	1:B:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:HH12	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:OP1	1:B:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:7:LYS:C	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:OP2	1:A:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:9:TRP:HE1	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:OP2	1:A:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:NH1	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:OP2	1:A:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:7:LYS:CG	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:OP2	1:B:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:10:GLY:CA	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:OP2	1:B:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:18:PRO:CB	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:OP2	1:B:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:OP2	1:B:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:P	1:A:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:P	1:A:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:P	1:A:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:P	1:A:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:P	1:A:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:P	1:A:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:P	1:A:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:P	1:A:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:P	1:A:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:P	1:A:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:P	1:A:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:P	1:A:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:P	1:A:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:P	1:A:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:P	1:A:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:P	1:A:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:P	1:A:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:P	1:A:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:P	1:A:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:P	1:A:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:P	1:A:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:P	1:A:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:P	1:A:7:LYS:N	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:P	1:A:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:P	1:A:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:P	1:A:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:P	1:A:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:P	1:A:8:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:P	1:A:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:P	1:A:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:P	1:A:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:P	1:A:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:P	1:A:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:P	1:A:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:P	1:A:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:P	1:A:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:P	1:A:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:P	1:A:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:P	1:A:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:P	1:A:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:P	1:A:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:P	1:A:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:P	1:A:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:P	1:A:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:P	1:A:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:P	1:A:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:P	1:A:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:P	1:A:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:P	1:A:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:P	1:A:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:P	1:A:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:P	1:A:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:P	1:A:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:P	1:A:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:P	1:A:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:P	1:A:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:P	1:A:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:P	1:A:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:P	1:A:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:P	1:A:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:P	1:A:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:P	1:A:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:P	1:A:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:P	1:A:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:P	1:A:11:ASN:CA	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:P	1:A:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:P	1:A:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:P	1:A:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:P	1:A:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:P	1:A:11:ASN:HD22	5	1.55
(1,34)	3:Y:11:DT:P	1:A:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:P	1:A:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:P	1:A:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:P	1:A:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:P	1:A:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:P	1:A:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:P	1:A:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:P	1:A:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:P	1:A:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:P	1:A:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:P	1:A:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:P	1:A:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:P	1:A:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:P	1:A:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:P	1:A:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:P	1:A:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:P	1:A:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:P	1:A:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:P	1:A:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:P	1:A:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:P	1:A:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:P	1:A:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:P	1:A:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:P	1:A:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:P	1:A:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:P	1:A:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:P	1:A:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:P	1:A:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:P	1:A:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:P	1:A:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:P	1:A:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:P	1:A:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:P	1:A:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:P	1:A:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:P	1:A:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:P	1:A:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:P	1:A:19:ALA:C	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:P	1:A:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:P	1:A:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:P	1:A:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:P	1:A:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:P	1:A:19:ALA:O	5	1.55
(1,34)	3:Y:11:DT:P	1:A:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:P	1:A:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:P	1:A:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:P	1:A:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:P	1:A:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:P	1:A:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:P	1:A:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:P	1:A:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:P	1:A:20:THR:OG1	5	1.55
(1,34)	3:Y:11:DT:P	1:B:3:HIS:C	5	1.55
(1,34)	3:Y:11:DT:P	1:B:3:HIS:CA	5	1.55
(1,34)	3:Y:11:DT:P	1:B:3:HIS:CB	5	1.55
(1,34)	3:Y:11:DT:P	1:B:3:HIS:CD2	5	1.55
(1,34)	3:Y:11:DT:P	1:B:3:HIS:CE1	5	1.55
(1,34)	3:Y:11:DT:P	1:B:3:HIS:CG	5	1.55
(1,34)	3:Y:11:DT:P	1:B:3:HIS:H	5	1.55
(1,34)	3:Y:11:DT:P	1:B:3:HIS:HD1	5	1.55
(1,34)	3:Y:11:DT:P	1:B:3:HIS:N	5	1.55
(1,34)	3:Y:11:DT:P	1:B:3:HIS:ND1	5	1.55
(1,34)	3:Y:11:DT:P	1:B:3:HIS:NE2	5	1.55
(1,34)	3:Y:11:DT:P	1:B:3:HIS:O	5	1.55
(1,34)	3:Y:11:DT:P	1:B:7:LYS:C	5	1.55
(1,34)	3:Y:11:DT:P	1:B:7:LYS:CA	5	1.55
(1,34)	3:Y:11:DT:P	1:B:7:LYS:CB	5	1.55
(1,34)	3:Y:11:DT:P	1:B:7:LYS:CD	5	1.55
(1,34)	3:Y:11:DT:P	1:B:7:LYS:CE	5	1.55
(1,34)	3:Y:11:DT:P	1:B:7:LYS:CG	5	1.55
(1,34)	3:Y:11:DT:P	1:B:7:LYS:H	5	1.55
(1,34)	3:Y:11:DT:P	1:B:7:LYS:HZ1	5	1.55
(1,34)	3:Y:11:DT:P	1:B:7:LYS:HZ2	5	1.55
(1,34)	3:Y:11:DT:P	1:B:7:LYS:HZ3	5	1.55
(1,34)	3:Y:11:DT:P	1:B:7:LYS:N	5	1.55
(1,34)	3:Y:11:DT:P	1:B:7:LYS:NZ	5	1.55
(1,34)	3:Y:11:DT:P	1:B:7:LYS:O	5	1.55
(1,34)	3:Y:11:DT:P	1:B:8:ARG:C	5	1.55
(1,34)	3:Y:11:DT:P	1:B:8:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:P	1:B:8:ARG:CB	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:P	1:B:8:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:P	1:B:8:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:P	1:B:8:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:P	1:B:8:ARG:H	5	1.55
(1,34)	3:Y:11:DT:P	1:B:8:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:P	1:B:8:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:P	1:B:8:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:P	1:B:8:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:P	1:B:8:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:P	1:B:8:ARG:N	5	1.55
(1,34)	3:Y:11:DT:P	1:B:8:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:P	1:B:8:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:P	1:B:8:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:P	1:B:8:ARG:O	5	1.55
(1,34)	3:Y:11:DT:P	1:B:9:TRP:C	5	1.55
(1,34)	3:Y:11:DT:P	1:B:9:TRP:CA	5	1.55
(1,34)	3:Y:11:DT:P	1:B:9:TRP:CB	5	1.55
(1,34)	3:Y:11:DT:P	1:B:9:TRP:CD1	5	1.55
(1,34)	3:Y:11:DT:P	1:B:9:TRP:CD2	5	1.55
(1,34)	3:Y:11:DT:P	1:B:9:TRP:CE2	5	1.55
(1,34)	3:Y:11:DT:P	1:B:9:TRP:CE3	5	1.55
(1,34)	3:Y:11:DT:P	1:B:9:TRP:CG	5	1.55
(1,34)	3:Y:11:DT:P	1:B:9:TRP:CH2	5	1.55
(1,34)	3:Y:11:DT:P	1:B:9:TRP:CZ2	5	1.55
(1,34)	3:Y:11:DT:P	1:B:9:TRP:CZ3	5	1.55
(1,34)	3:Y:11:DT:P	1:B:9:TRP:H	5	1.55
(1,34)	3:Y:11:DT:P	1:B:9:TRP:HE1	5	1.55
(1,34)	3:Y:11:DT:P	1:B:9:TRP:N	5	1.55
(1,34)	3:Y:11:DT:P	1:B:9:TRP:NE1	5	1.55
(1,34)	3:Y:11:DT:P	1:B:9:TRP:O	5	1.55
(1,34)	3:Y:11:DT:P	1:B:10:GLY:C	5	1.55
(1,34)	3:Y:11:DT:P	1:B:10:GLY:CA	5	1.55
(1,34)	3:Y:11:DT:P	1:B:10:GLY:H	5	1.55
(1,34)	3:Y:11:DT:P	1:B:10:GLY:N	5	1.55
(1,34)	3:Y:11:DT:P	1:B:10:GLY:O	5	1.55
(1,34)	3:Y:11:DT:P	1:B:11:ASN:C	5	1.55
(1,34)	3:Y:11:DT:P	1:B:11:ASN:CA	5	1.55
(1,34)	3:Y:11:DT:P	1:B:11:ASN:CB	5	1.55
(1,34)	3:Y:11:DT:P	1:B:11:ASN:CG	5	1.55
(1,34)	3:Y:11:DT:P	1:B:11:ASN:H	5	1.55
(1,34)	3:Y:11:DT:P	1:B:11:ASN:HD21	5	1.55
(1,34)	3:Y:11:DT:P	1:B:11:ASN:HD22	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:P	1:B:11:ASN:N	5	1.55
(1,34)	3:Y:11:DT:P	1:B:11:ASN:ND2	5	1.55
(1,34)	3:Y:11:DT:P	1:B:11:ASN:O	5	1.55
(1,34)	3:Y:11:DT:P	1:B:11:ASN:OD1	5	1.55
(1,34)	3:Y:11:DT:P	1:B:12:SER:C	5	1.55
(1,34)	3:Y:11:DT:P	1:B:12:SER:CA	5	1.55
(1,34)	3:Y:11:DT:P	1:B:12:SER:CB	5	1.55
(1,34)	3:Y:11:DT:P	1:B:12:SER:H	5	1.55
(1,34)	3:Y:11:DT:P	1:B:12:SER:HG	5	1.55
(1,34)	3:Y:11:DT:P	1:B:12:SER:N	5	1.55
(1,34)	3:Y:11:DT:P	1:B:12:SER:O	5	1.55
(1,34)	3:Y:11:DT:P	1:B:12:SER:OG	5	1.55
(1,34)	3:Y:11:DT:P	1:B:16:ARG:C	5	1.55
(1,34)	3:Y:11:DT:P	1:B:16:ARG:CA	5	1.55
(1,34)	3:Y:11:DT:P	1:B:16:ARG:CB	5	1.55
(1,34)	3:Y:11:DT:P	1:B:16:ARG:CD	5	1.55
(1,34)	3:Y:11:DT:P	1:B:16:ARG:CG	5	1.55
(1,34)	3:Y:11:DT:P	1:B:16:ARG:CZ	5	1.55
(1,34)	3:Y:11:DT:P	1:B:16:ARG:H	5	1.55
(1,34)	3:Y:11:DT:P	1:B:16:ARG:HE	5	1.55
(1,34)	3:Y:11:DT:P	1:B:16:ARG:HH11	5	1.55
(1,34)	3:Y:11:DT:P	1:B:16:ARG:HH12	5	1.55
(1,34)	3:Y:11:DT:P	1:B:16:ARG:HH21	5	1.55
(1,34)	3:Y:11:DT:P	1:B:16:ARG:HH22	5	1.55
(1,34)	3:Y:11:DT:P	1:B:16:ARG:N	5	1.55
(1,34)	3:Y:11:DT:P	1:B:16:ARG:NE	5	1.55
(1,34)	3:Y:11:DT:P	1:B:16:ARG:NH1	5	1.55
(1,34)	3:Y:11:DT:P	1:B:16:ARG:NH2	5	1.55
(1,34)	3:Y:11:DT:P	1:B:16:ARG:O	5	1.55
(1,34)	3:Y:11:DT:P	1:B:18:PRO:C	5	1.55
(1,34)	3:Y:11:DT:P	1:B:18:PRO:CA	5	1.55
(1,34)	3:Y:11:DT:P	1:B:18:PRO:CB	5	1.55
(1,34)	3:Y:11:DT:P	1:B:18:PRO:CD	5	1.55
(1,34)	3:Y:11:DT:P	1:B:18:PRO:CG	5	1.55
(1,34)	3:Y:11:DT:P	1:B:18:PRO:N	5	1.55
(1,34)	3:Y:11:DT:P	1:B:18:PRO:O	5	1.55
(1,34)	3:Y:11:DT:P	1:B:19:ALA:C	5	1.55
(1,34)	3:Y:11:DT:P	1:B:19:ALA:CA	5	1.55
(1,34)	3:Y:11:DT:P	1:B:19:ALA:CB	5	1.55
(1,34)	3:Y:11:DT:P	1:B:19:ALA:H	5	1.55
(1,34)	3:Y:11:DT:P	1:B:19:ALA:N	5	1.55
(1,34)	3:Y:11:DT:P	1:B:19:ALA:O	5	1.55

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:P	1:B:20:THR:C	5	1.55
(1,34)	3:Y:11:DT:P	1:B:20:THR:CA	5	1.55
(1,34)	3:Y:11:DT:P	1:B:20:THR:CB	5	1.55
(1,34)	3:Y:11:DT:P	1:B:20:THR:CG2	5	1.55
(1,34)	3:Y:11:DT:P	1:B:20:THR:H	5	1.55
(1,34)	3:Y:11:DT:P	1:B:20:THR:HG1	5	1.55
(1,34)	3:Y:11:DT:P	1:B:20:THR:N	5	1.55
(1,34)	3:Y:11:DT:P	1:B:20:THR:O	5	1.55
(1,34)	3:Y:11:DT:P	1:B:20:THR:OG1	5	1.55
(1,8)	1:A:18:PRO:C	2:X:3:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:3:DT:C2	6	1.52
(1,8)	1:A:18:PRO:C	2:X:3:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:3:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:3:DT:C4	6	1.52
(1,8)	1:A:18:PRO:C	2:X:3:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:3:DT:C5	6	1.52
(1,8)	1:A:18:PRO:C	2:X:3:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:3:DT:C6	6	1.52
(1,8)	1:A:18:PRO:C	2:X:3:DT:C7	6	1.52
(1,8)	1:A:18:PRO:C	2:X:3:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:3:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:3:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:C	2:X:3:DT:H3	6	1.52
(1,8)	1:A:18:PRO:C	2:X:3:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:3:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:3:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:3:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:C	2:X:3:DT:H6	6	1.52
(1,8)	1:A:18:PRO:C	2:X:3:DT:H71	6	1.52
(1,8)	1:A:18:PRO:C	2:X:3:DT:H72	6	1.52
(1,8)	1:A:18:PRO:C	2:X:3:DT:H73	6	1.52
(1,8)	1:A:18:PRO:C	2:X:3:DT:N1	6	1.52
(1,8)	1:A:18:PRO:C	2:X:3:DT:N3	6	1.52
(1,8)	1:A:18:PRO:C	2:X:3:DT:O2	6	1.52
(1,8)	1:A:18:PRO:C	2:X:3:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:3:DT:O4	6	1.52
(1,8)	1:A:18:PRO:C	2:X:3:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:3:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:3:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:C	2:X:3:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:C	2:X:3:DT:P	6	1.52
(1,8)	1:A:18:PRO:C	2:X:4:DG:C1'	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:C	2:X:4:DG:C2	6	1.52
(1,8)	1:A:18:PRO:C	2:X:4:DG:C2'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:4:DG:C3'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:4:DG:C4	6	1.52
(1,8)	1:A:18:PRO:C	2:X:4:DG:C4'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:4:DG:C5	6	1.52
(1,8)	1:A:18:PRO:C	2:X:4:DG:C5'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:4:DG:C6	6	1.52
(1,8)	1:A:18:PRO:C	2:X:4:DG:C8	6	1.52
(1,8)	1:A:18:PRO:C	2:X:4:DG:H1	6	1.52
(1,8)	1:A:18:PRO:C	2:X:4:DG:H1'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:4:DG:H2'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:4:DG:H2''	6	1.52
(1,8)	1:A:18:PRO:C	2:X:4:DG:H21	6	1.52
(1,8)	1:A:18:PRO:C	2:X:4:DG:H22	6	1.52
(1,8)	1:A:18:PRO:C	2:X:4:DG:H3'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:4:DG:H4'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:4:DG:H5'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:4:DG:H5''	6	1.52
(1,8)	1:A:18:PRO:C	2:X:4:DG:H8	6	1.52
(1,8)	1:A:18:PRO:C	2:X:4:DG:N1	6	1.52
(1,8)	1:A:18:PRO:C	2:X:4:DG:N2	6	1.52
(1,8)	1:A:18:PRO:C	2:X:4:DG:N3	6	1.52
(1,8)	1:A:18:PRO:C	2:X:4:DG:N7	6	1.52
(1,8)	1:A:18:PRO:C	2:X:4:DG:N9	6	1.52
(1,8)	1:A:18:PRO:C	2:X:4:DG:O3'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:4:DG:O4'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:4:DG:O5'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:4:DG:O6	6	1.52
(1,8)	1:A:18:PRO:C	2:X:4:DG:OP1	6	1.52
(1,8)	1:A:18:PRO:C	2:X:4:DG:OP2	6	1.52
(1,8)	1:A:18:PRO:C	2:X:4:DG:P	6	1.52
(1,8)	1:A:18:PRO:C	2:X:5:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:5:DA:C2	6	1.52
(1,8)	1:A:18:PRO:C	2:X:5:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:5:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:5:DA:C4	6	1.52
(1,8)	1:A:18:PRO:C	2:X:5:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:5:DA:C5	6	1.52
(1,8)	1:A:18:PRO:C	2:X:5:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:5:DA:C6	6	1.52
(1,8)	1:A:18:PRO:C	2:X:5:DA:C8	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:C	2:X:5:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:5:DA:H2	6	1.52
(1,8)	1:A:18:PRO:C	2:X:5:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:5:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:C	2:X:5:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:5:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:5:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:5:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:C	2:X:5:DA:H61	6	1.52
(1,8)	1:A:18:PRO:C	2:X:5:DA:H62	6	1.52
(1,8)	1:A:18:PRO:C	2:X:5:DA:H8	6	1.52
(1,8)	1:A:18:PRO:C	2:X:5:DA:N1	6	1.52
(1,8)	1:A:18:PRO:C	2:X:5:DA:N3	6	1.52
(1,8)	1:A:18:PRO:C	2:X:5:DA:N6	6	1.52
(1,8)	1:A:18:PRO:C	2:X:5:DA:N7	6	1.52
(1,8)	1:A:18:PRO:C	2:X:5:DA:N9	6	1.52
(1,8)	1:A:18:PRO:C	2:X:5:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:5:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:5:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:5:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:C	2:X:5:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:C	2:X:5:DA:P	6	1.52
(1,8)	1:A:18:PRO:C	2:X:6:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:6:DT:C2	6	1.52
(1,8)	1:A:18:PRO:C	2:X:6:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:6:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:6:DT:C4	6	1.52
(1,8)	1:A:18:PRO:C	2:X:6:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:6:DT:C5	6	1.52
(1,8)	1:A:18:PRO:C	2:X:6:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:6:DT:C6	6	1.52
(1,8)	1:A:18:PRO:C	2:X:6:DT:C7	6	1.52
(1,8)	1:A:18:PRO:C	2:X:6:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:6:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:6:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:C	2:X:6:DT:H3	6	1.52
(1,8)	1:A:18:PRO:C	2:X:6:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:6:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:6:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:6:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:C	2:X:6:DT:H6	6	1.52
(1,8)	1:A:18:PRO:C	2:X:6:DT:H71	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:C	2:X:6:DT:H72	6	1.52
(1,8)	1:A:18:PRO:C	2:X:6:DT:H73	6	1.52
(1,8)	1:A:18:PRO:C	2:X:6:DT:N1	6	1.52
(1,8)	1:A:18:PRO:C	2:X:6:DT:N3	6	1.52
(1,8)	1:A:18:PRO:C	2:X:6:DT:O2	6	1.52
(1,8)	1:A:18:PRO:C	2:X:6:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:6:DT:O4	6	1.52
(1,8)	1:A:18:PRO:C	2:X:6:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:6:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:6:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:C	2:X:6:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:C	2:X:6:DT:P	6	1.52
(1,8)	1:A:18:PRO:C	2:X:7:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:7:DA:C2	6	1.52
(1,8)	1:A:18:PRO:C	2:X:7:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:7:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:7:DA:C4	6	1.52
(1,8)	1:A:18:PRO:C	2:X:7:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:7:DA:C5	6	1.52
(1,8)	1:A:18:PRO:C	2:X:7:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:7:DA:C6	6	1.52
(1,8)	1:A:18:PRO:C	2:X:7:DA:C8	6	1.52
(1,8)	1:A:18:PRO:C	2:X:7:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:7:DA:H2	6	1.52
(1,8)	1:A:18:PRO:C	2:X:7:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:7:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:C	2:X:7:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:7:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:7:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:7:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:C	2:X:7:DA:H61	6	1.52
(1,8)	1:A:18:PRO:C	2:X:7:DA:H62	6	1.52
(1,8)	1:A:18:PRO:C	2:X:7:DA:H8	6	1.52
(1,8)	1:A:18:PRO:C	2:X:7:DA:N1	6	1.52
(1,8)	1:A:18:PRO:C	2:X:7:DA:N3	6	1.52
(1,8)	1:A:18:PRO:C	2:X:7:DA:N6	6	1.52
(1,8)	1:A:18:PRO:C	2:X:7:DA:N7	6	1.52
(1,8)	1:A:18:PRO:C	2:X:7:DA:N9	6	1.52
(1,8)	1:A:18:PRO:C	2:X:7:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:7:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:7:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:7:DA:OP1	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:C	2:X:7:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:C	2:X:7:DA:P	6	1.52
(1,8)	1:A:18:PRO:C	2:X:8:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:8:DT:C2	6	1.52
(1,8)	1:A:18:PRO:C	2:X:8:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:8:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:8:DT:C4	6	1.52
(1,8)	1:A:18:PRO:C	2:X:8:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:8:DT:C5	6	1.52
(1,8)	1:A:18:PRO:C	2:X:8:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:8:DT:C6	6	1.52
(1,8)	1:A:18:PRO:C	2:X:8:DT:C7	6	1.52
(1,8)	1:A:18:PRO:C	2:X:8:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:8:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:8:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:C	2:X:8:DT:H3	6	1.52
(1,8)	1:A:18:PRO:C	2:X:8:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:8:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:8:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:8:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:C	2:X:8:DT:H6	6	1.52
(1,8)	1:A:18:PRO:C	2:X:8:DT:H71	6	1.52
(1,8)	1:A:18:PRO:C	2:X:8:DT:H72	6	1.52
(1,8)	1:A:18:PRO:C	2:X:8:DT:H73	6	1.52
(1,8)	1:A:18:PRO:C	2:X:8:DT:N1	6	1.52
(1,8)	1:A:18:PRO:C	2:X:8:DT:N3	6	1.52
(1,8)	1:A:18:PRO:C	2:X:8:DT:O2	6	1.52
(1,8)	1:A:18:PRO:C	2:X:8:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:8:DT:O4	6	1.52
(1,8)	1:A:18:PRO:C	2:X:8:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:8:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:8:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:C	2:X:8:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:C	2:X:8:DT:P	6	1.52
(1,8)	1:A:18:PRO:C	2:X:9:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:9:DA:C2	6	1.52
(1,8)	1:A:18:PRO:C	2:X:9:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:9:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:9:DA:C4	6	1.52
(1,8)	1:A:18:PRO:C	2:X:9:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:9:DA:C5	6	1.52
(1,8)	1:A:18:PRO:C	2:X:9:DA:C5'	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:C	2:X:9:DA:C6	6	1.52
(1,8)	1:A:18:PRO:C	2:X:9:DA:C8	6	1.52
(1,8)	1:A:18:PRO:C	2:X:9:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:9:DA:H2	6	1.52
(1,8)	1:A:18:PRO:C	2:X:9:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:9:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:C	2:X:9:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:9:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:9:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:9:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:C	2:X:9:DA:H61	6	1.52
(1,8)	1:A:18:PRO:C	2:X:9:DA:H62	6	1.52
(1,8)	1:A:18:PRO:C	2:X:9:DA:H8	6	1.52
(1,8)	1:A:18:PRO:C	2:X:9:DA:N1	6	1.52
(1,8)	1:A:18:PRO:C	2:X:9:DA:N3	6	1.52
(1,8)	1:A:18:PRO:C	2:X:9:DA:N6	6	1.52
(1,8)	1:A:18:PRO:C	2:X:9:DA:N7	6	1.52
(1,8)	1:A:18:PRO:C	2:X:9:DA:N9	6	1.52
(1,8)	1:A:18:PRO:C	2:X:9:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:9:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:9:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:9:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:C	2:X:9:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:C	2:X:9:DA:P	6	1.52
(1,8)	1:A:18:PRO:C	2:X:10:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:10:DT:C2	6	1.52
(1,8)	1:A:18:PRO:C	2:X:10:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:10:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:10:DT:C4	6	1.52
(1,8)	1:A:18:PRO:C	2:X:10:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:10:DT:C5	6	1.52
(1,8)	1:A:18:PRO:C	2:X:10:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:10:DT:C6	6	1.52
(1,8)	1:A:18:PRO:C	2:X:10:DT:C7	6	1.52
(1,8)	1:A:18:PRO:C	2:X:10:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:10:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:10:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:C	2:X:10:DT:H3	6	1.52
(1,8)	1:A:18:PRO:C	2:X:10:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:10:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:10:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:10:DT:H5''	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:C	2:X:10:DT:H6	6	1.52
(1,8)	1:A:18:PRO:C	2:X:10:DT:H71	6	1.52
(1,8)	1:A:18:PRO:C	2:X:10:DT:H72	6	1.52
(1,8)	1:A:18:PRO:C	2:X:10:DT:H73	6	1.52
(1,8)	1:A:18:PRO:C	2:X:10:DT:N1	6	1.52
(1,8)	1:A:18:PRO:C	2:X:10:DT:N3	6	1.52
(1,8)	1:A:18:PRO:C	2:X:10:DT:O2	6	1.52
(1,8)	1:A:18:PRO:C	2:X:10:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:10:DT:O4	6	1.52
(1,8)	1:A:18:PRO:C	2:X:10:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:10:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:10:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:C	2:X:10:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:C	2:X:10:DT:P	6	1.52
(1,8)	1:A:18:PRO:C	2:X:11:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:11:DA:C2	6	1.52
(1,8)	1:A:18:PRO:C	2:X:11:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:11:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:11:DA:C4	6	1.52
(1,8)	1:A:18:PRO:C	2:X:11:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:11:DA:C5	6	1.52
(1,8)	1:A:18:PRO:C	2:X:11:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:11:DA:C6	6	1.52
(1,8)	1:A:18:PRO:C	2:X:11:DA:C8	6	1.52
(1,8)	1:A:18:PRO:C	2:X:11:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:11:DA:H2	6	1.52
(1,8)	1:A:18:PRO:C	2:X:11:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:11:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:C	2:X:11:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:11:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:11:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:11:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:C	2:X:11:DA:H61	6	1.52
(1,8)	1:A:18:PRO:C	2:X:11:DA:H62	6	1.52
(1,8)	1:A:18:PRO:C	2:X:11:DA:H8	6	1.52
(1,8)	1:A:18:PRO:C	2:X:11:DA:N1	6	1.52
(1,8)	1:A:18:PRO:C	2:X:11:DA:N3	6	1.52
(1,8)	1:A:18:PRO:C	2:X:11:DA:N6	6	1.52
(1,8)	1:A:18:PRO:C	2:X:11:DA:N7	6	1.52
(1,8)	1:A:18:PRO:C	2:X:11:DA:N9	6	1.52
(1,8)	1:A:18:PRO:C	2:X:11:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:11:DA:O4'	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:C	2:X:11:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:11:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:C	2:X:11:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:C	2:X:11:DA:P	6	1.52
(1,8)	1:A:18:PRO:C	2:X:12:DG:C1'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:12:DG:C2	6	1.52
(1,8)	1:A:18:PRO:C	2:X:12:DG:C2'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:12:DG:C3'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:12:DG:C4	6	1.52
(1,8)	1:A:18:PRO:C	2:X:12:DG:C4'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:12:DG:C5	6	1.52
(1,8)	1:A:18:PRO:C	2:X:12:DG:C5'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:12:DG:C6	6	1.52
(1,8)	1:A:18:PRO:C	2:X:12:DG:C8	6	1.52
(1,8)	1:A:18:PRO:C	2:X:12:DG:H1	6	1.52
(1,8)	1:A:18:PRO:C	2:X:12:DG:H1'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:12:DG:H2'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:12:DG:H2''	6	1.52
(1,8)	1:A:18:PRO:C	2:X:12:DG:H21	6	1.52
(1,8)	1:A:18:PRO:C	2:X:12:DG:H22	6	1.52
(1,8)	1:A:18:PRO:C	2:X:12:DG:H3'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:12:DG:H4'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:12:DG:H5'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:12:DG:H5''	6	1.52
(1,8)	1:A:18:PRO:C	2:X:12:DG:H8	6	1.52
(1,8)	1:A:18:PRO:C	2:X:12:DG:N1	6	1.52
(1,8)	1:A:18:PRO:C	2:X:12:DG:N2	6	1.52
(1,8)	1:A:18:PRO:C	2:X:12:DG:N3	6	1.52
(1,8)	1:A:18:PRO:C	2:X:12:DG:N7	6	1.52
(1,8)	1:A:18:PRO:C	2:X:12:DG:N9	6	1.52
(1,8)	1:A:18:PRO:C	2:X:12:DG:O3'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:12:DG:O4'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:12:DG:O5'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:12:DG:O6	6	1.52
(1,8)	1:A:18:PRO:C	2:X:12:DG:OP1	6	1.52
(1,8)	1:A:18:PRO:C	2:X:12:DG:OP2	6	1.52
(1,8)	1:A:18:PRO:C	2:X:12:DG:P	6	1.52
(1,8)	1:A:18:PRO:C	2:X:13:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:13:DT:C2	6	1.52
(1,8)	1:A:18:PRO:C	2:X:13:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:13:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:13:DT:C4	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:C	2:X:13:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:13:DT:C5	6	1.52
(1,8)	1:A:18:PRO:C	2:X:13:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:13:DT:C6	6	1.52
(1,8)	1:A:18:PRO:C	2:X:13:DT:C7	6	1.52
(1,8)	1:A:18:PRO:C	2:X:13:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:13:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:13:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:C	2:X:13:DT:H3	6	1.52
(1,8)	1:A:18:PRO:C	2:X:13:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:13:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:13:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:13:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:C	2:X:13:DT:H6	6	1.52
(1,8)	1:A:18:PRO:C	2:X:13:DT:H71	6	1.52
(1,8)	1:A:18:PRO:C	2:X:13:DT:H72	6	1.52
(1,8)	1:A:18:PRO:C	2:X:13:DT:H73	6	1.52
(1,8)	1:A:18:PRO:C	2:X:13:DT:N1	6	1.52
(1,8)	1:A:18:PRO:C	2:X:13:DT:N3	6	1.52
(1,8)	1:A:18:PRO:C	2:X:13:DT:O2	6	1.52
(1,8)	1:A:18:PRO:C	2:X:13:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:13:DT:O4	6	1.52
(1,8)	1:A:18:PRO:C	2:X:13:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:13:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:C	2:X:13:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:C	2:X:13:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:C	2:X:13:DT:P	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:3:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:3:DA:C2	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:3:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:3:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:3:DA:C4	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:3:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:3:DA:C5	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:3:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:3:DA:C6	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:3:DA:C8	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:3:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:3:DA:H2	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:3:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:3:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:3:DA:H3'	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:C	3:Y:3:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:3:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:3:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:3:DA:H61	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:3:DA:H62	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:3:DA:H8	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:3:DA:N1	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:3:DA:N3	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:3:DA:N6	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:3:DA:N7	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:3:DA:N9	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:3:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:3:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:3:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:3:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:3:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:3:DA:P	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:4:DC:C1'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:4:DC:C2	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:4:DC:C2'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:4:DC:C3'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:4:DC:C4	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:4:DC:C4'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:4:DC:C5	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:4:DC:C5'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:4:DC:C6	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:4:DC:H1'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:4:DC:H2'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:4:DC:H2''	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:4:DC:H3'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:4:DC:H4'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:4:DC:H41	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:4:DC:H42	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:4:DC:H5	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:4:DC:H5'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:4:DC:H5''	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:4:DC:H6	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:4:DC:N1	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:4:DC:N3	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:4:DC:N4	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:4:DC:O2	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:4:DC:O3'	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:C	3:Y:4:DC:O4'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:4:DC:O5'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:4:DC:OP1	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:4:DC:OP2	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:4:DC:P	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:5:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:5:DT:C2	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:5:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:5:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:5:DT:C4	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:5:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:5:DT:C5	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:5:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:5:DT:C6	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:5:DT:C7	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:5:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:5:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:5:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:5:DT:H3	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:5:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:5:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:5:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:5:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:5:DT:H6	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:5:DT:H71	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:5:DT:H72	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:5:DT:H73	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:5:DT:N1	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:5:DT:N3	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:5:DT:O2	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:5:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:5:DT:O4	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:5:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:5:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:5:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:5:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:5:DT:P	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:6:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:6:DA:C2	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:6:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:6:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:6:DA:C4	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:C	3:Y:6:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:6:DA:C5	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:6:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:6:DA:C6	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:6:DA:C8	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:6:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:6:DA:H2	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:6:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:6:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:6:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:6:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:6:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:6:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:6:DA:H61	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:6:DA:H62	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:6:DA:H8	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:6:DA:N1	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:6:DA:N3	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:6:DA:N6	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:6:DA:N7	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:6:DA:N9	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:6:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:6:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:6:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:6:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:6:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:6:DA:P	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:7:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:7:DT:C2	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:7:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:7:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:7:DT:C4	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:7:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:7:DT:C5	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:7:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:7:DT:C6	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:7:DT:C7	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:7:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:7:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:7:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:7:DT:H3	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:7:DT:H3'	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:C	3:Y:7:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:7:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:7:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:7:DT:H6	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:7:DT:H71	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:7:DT:H72	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:7:DT:H73	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:7:DT:N1	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:7:DT:N3	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:7:DT:O2	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:7:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:7:DT:O4	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:7:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:7:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:7:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:7:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:7:DT:P	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:8:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:8:DA:C2	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:8:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:8:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:8:DA:C4	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:8:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:8:DA:C5	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:8:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:8:DA:C6	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:8:DA:C8	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:8:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:8:DA:H2	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:8:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:8:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:8:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:8:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:8:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:8:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:8:DA:H61	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:8:DA:H62	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:8:DA:H8	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:8:DA:N1	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:8:DA:N3	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:8:DA:N6	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:8:DA:N7	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:C	3:Y:8:DA:N9	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:8:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:8:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:8:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:8:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:8:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:8:DA:P	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:9:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:9:DT:C2	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:9:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:9:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:9:DT:C4	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:9:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:9:DT:C5	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:9:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:9:DT:C6	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:9:DT:C7	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:9:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:9:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:9:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:9:DT:H3	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:9:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:9:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:9:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:9:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:9:DT:H6	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:9:DT:H71	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:9:DT:H72	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:9:DT:H73	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:9:DT:N1	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:9:DT:N3	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:9:DT:O2	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:9:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:9:DT:O4	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:9:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:9:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:9:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:9:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:9:DT:P	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:10:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:10:DA:C2	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:10:DA:C2'	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:C	3:Y:10:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:10:DA:C4	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:10:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:10:DA:C5	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:10:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:10:DA:C6	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:10:DA:C8	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:10:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:10:DA:H2	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:10:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:10:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:10:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:10:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:10:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:10:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:10:DA:H61	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:10:DA:H62	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:10:DA:H8	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:10:DA:N1	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:10:DA:N3	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:10:DA:N6	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:10:DA:N7	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:10:DA:N9	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:10:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:10:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:10:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:10:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:10:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:10:DA:P	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:11:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:11:DT:C2	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:11:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:11:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:11:DT:C4	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:11:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:11:DT:C5	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:11:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:11:DT:C6	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:11:DT:C7	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:11:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:11:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:11:DT:H2''	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:C	3:Y:11:DT:H3	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:11:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:11:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:11:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:11:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:11:DT:H6	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:11:DT:H71	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:11:DT:H72	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:11:DT:H73	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:11:DT:N1	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:11:DT:N3	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:11:DT:O2	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:11:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:11:DT:O4	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:11:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:11:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:11:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:11:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:11:DT:P	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:12:DC:C1'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:12:DC:C2	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:12:DC:C2'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:12:DC:C3'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:12:DC:C4	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:12:DC:C4'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:12:DC:C5	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:12:DC:C5'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:12:DC:C6	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:12:DC:H1'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:12:DC:H2'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:12:DC:H2''	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:12:DC:H3'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:12:DC:H4'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:12:DC:H41	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:12:DC:H42	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:12:DC:H5	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:12:DC:H5'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:12:DC:H5''	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:12:DC:H6	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:12:DC:N1	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:12:DC:N3	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:12:DC:N4	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:C	3:Y:12:DC:O2	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:12:DC:O3'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:12:DC:O4'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:12:DC:O5'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:12:DC:OP1	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:12:DC:OP2	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:12:DC:P	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:13:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:13:DA:C2	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:13:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:13:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:13:DA:C4	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:13:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:13:DA:C5	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:13:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:13:DA:C6	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:13:DA:C8	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:13:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:13:DA:H2	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:13:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:13:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:13:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:13:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:13:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:13:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:13:DA:H61	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:13:DA:H62	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:13:DA:H8	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:13:DA:N1	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:13:DA:N3	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:13:DA:N6	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:13:DA:N7	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:13:DA:N9	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:13:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:13:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:13:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:13:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:13:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:C	3:Y:13:DA:P	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:3:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:3:DT:C2	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:3:DT:C2'	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CA	2:X:3:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:3:DT:C4	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:3:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:3:DT:C5	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:3:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:3:DT:C6	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:3:DT:C7	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:3:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:3:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:3:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:3:DT:H3	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:3:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:3:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:3:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:3:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:3:DT:H6	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:3:DT:H71	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:3:DT:H72	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:3:DT:H73	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:3:DT:N1	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:3:DT:N3	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:3:DT:O2	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:3:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:3:DT:O4	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:3:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:3:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:3:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:3:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:3:DT:P	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:4:DG:C1'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:4:DG:C2	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:4:DG:C2'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:4:DG:C3'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:4:DG:C4	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:4:DG:C4'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:4:DG:C5	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:4:DG:C5'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:4:DG:C6	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:4:DG:C8	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:4:DG:H1	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:4:DG:H1'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:4:DG:H2'	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CA	2:X:4:DG:H2''	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:4:DG:H21	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:4:DG:H22	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:4:DG:H3'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:4:DG:H4'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:4:DG:H5'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:4:DG:H5''	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:4:DG:H8	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:4:DG:N1	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:4:DG:N2	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:4:DG:N3	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:4:DG:N7	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:4:DG:N9	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:4:DG:O3'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:4:DG:O4'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:4:DG:O5'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:4:DG:O6	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:4:DG:OP1	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:4:DG:OP2	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:4:DG:P	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:5:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:5:DA:C2	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:5:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:5:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:5:DA:C4	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:5:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:5:DA:C5	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:5:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:5:DA:C6	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:5:DA:C8	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:5:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:5:DA:H2	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:5:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:5:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:5:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:5:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:5:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:5:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:5:DA:H61	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:5:DA:H62	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:5:DA:H8	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:5:DA:N1	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CA	2:X:5:DA:N3	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:5:DA:N6	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:5:DA:N7	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:5:DA:N9	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:5:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:5:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:5:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:5:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:5:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:5:DA:P	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:6:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:6:DT:C2	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:6:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:6:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:6:DT:C4	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:6:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:6:DT:C5	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:6:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:6:DT:C6	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:6:DT:C7	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:6:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:6:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:6:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:6:DT:H3	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:6:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:6:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:6:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:6:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:6:DT:H6	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:6:DT:H71	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:6:DT:H72	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:6:DT:H73	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:6:DT:N1	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:6:DT:N3	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:6:DT:O2	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:6:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:6:DT:O4	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:6:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:6:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:6:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:6:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:6:DT:P	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CA	2:X:7:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:7:DA:C2	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:7:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:7:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:7:DA:C4	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:7:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:7:DA:C5	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:7:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:7:DA:C6	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:7:DA:C8	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:7:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:7:DA:H2	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:7:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:7:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:7:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:7:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:7:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:7:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:7:DA:H61	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:7:DA:H62	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:7:DA:H8	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:7:DA:N1	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:7:DA:N3	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:7:DA:N6	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:7:DA:N7	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:7:DA:N9	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:7:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:7:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:7:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:7:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:7:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:7:DA:P	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:8:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:8:DT:C2	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:8:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:8:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:8:DT:C4	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:8:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:8:DT:C5	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:8:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:8:DT:C6	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:8:DT:C7	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CA	2:X:8:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:8:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:8:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:8:DT:H3	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:8:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:8:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:8:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:8:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:8:DT:H6	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:8:DT:H71	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:8:DT:H72	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:8:DT:H73	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:8:DT:N1	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:8:DT:N3	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:8:DT:O2	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:8:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:8:DT:O4	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:8:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:8:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:8:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:8:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:8:DT:P	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:9:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:9:DA:C2	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:9:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:9:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:9:DA:C4	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:9:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:9:DA:C5	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:9:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:9:DA:C6	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:9:DA:C8	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:9:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:9:DA:H2	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:9:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:9:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:9:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:9:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:9:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:9:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:9:DA:H61	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:9:DA:H62	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CA	2:X:9:DA:H8	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:9:DA:N1	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:9:DA:N3	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:9:DA:N6	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:9:DA:N7	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:9:DA:N9	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:9:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:9:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:9:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:9:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:9:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:9:DA:P	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:10:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:10:DT:C2	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:10:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:10:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:10:DT:C4	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:10:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:10:DT:C5	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:10:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:10:DT:C6	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:10:DT:C7	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:10:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:10:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:10:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:10:DT:H3	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:10:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:10:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:10:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:10:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:10:DT:H6	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:10:DT:H71	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:10:DT:H72	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:10:DT:H73	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:10:DT:N1	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:10:DT:N3	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:10:DT:O2	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:10:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:10:DT:O4	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:10:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:10:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:10:DT:OP1	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CA	2:X:10:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:10:DT:P	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:11:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:11:DA:C2	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:11:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:11:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:11:DA:C4	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:11:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:11:DA:C5	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:11:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:11:DA:C6	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:11:DA:C8	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:11:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:11:DA:H2	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:11:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:11:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:11:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:11:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:11:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:11:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:11:DA:H61	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:11:DA:H62	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:11:DA:H8	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:11:DA:N1	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:11:DA:N3	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:11:DA:N6	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:11:DA:N7	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:11:DA:N9	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:11:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:11:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:11:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:11:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:11:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:11:DA:P	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:12:DG:C1'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:12:DG:C2	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:12:DG:C2'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:12:DG:C3'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:12:DG:C4	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:12:DG:C4'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:12:DG:C5	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:12:DG:C5'	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CA	2:X:12:DG:C6	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:12:DG:C8	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:12:DG:H1	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:12:DG:H1'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:12:DG:H2'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:12:DG:H2''	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:12:DG:H21	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:12:DG:H22	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:12:DG:H3'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:12:DG:H4'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:12:DG:H5'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:12:DG:H5''	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:12:DG:H8	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:12:DG:N1	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:12:DG:N2	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:12:DG:N3	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:12:DG:N7	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:12:DG:N9	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:12:DG:O3'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:12:DG:O4'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:12:DG:O5'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:12:DG:O6	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:12:DG:OP1	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:12:DG:OP2	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:12:DG:P	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:13:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:13:DT:C2	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:13:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:13:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:13:DT:C4	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:13:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:13:DT:C5	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:13:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:13:DT:C6	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:13:DT:C7	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:13:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:13:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:13:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:13:DT:H3	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:13:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:13:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:13:DT:H5'	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CA	2:X:13:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:13:DT:H6	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:13:DT:H71	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:13:DT:H72	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:13:DT:H73	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:13:DT:N1	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:13:DT:N3	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:13:DT:O2	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:13:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:13:DT:O4	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:13:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:13:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:13:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:13:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:CA	2:X:13:DT:P	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:C2	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:C4	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:C5	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:C6	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:C8	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:H2	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:H61	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:H62	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:H8	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:N1	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:N3	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:N6	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:N7	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:N9	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:O3'	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:3:DA:P	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:C1'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:C2	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:C2'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:C3'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:C4	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:C4'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:C5	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:C5'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:C6	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:H1'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:H2'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:H2''	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:H3'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:H4'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:H41	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:H42	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:H5	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:H5'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:H5''	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:H6	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:N1	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:N3	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:N4	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:O2	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:O3'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:O4'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:O5'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:OP1	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:OP2	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:4:DC:P	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:C2	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:C4	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:C5	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:C6	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:C7	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:H3	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:H6	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:H71	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:H72	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:H73	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:N1	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:N3	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:O2	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:O4	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:5:DT:P	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:C2	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:C4	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:C5	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:C6	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:C8	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:H2	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:H5'	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:H61	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:H62	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:H8	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:N1	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:N3	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:N6	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:N7	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:N9	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:6:DA:P	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:C2	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:C4	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:C5	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:C6	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:C7	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:H3	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:H6	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:H71	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:H72	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:H73	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:N1	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:N3	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:O2	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:O4	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:7:DT:P	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:C2	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:C4	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:C5	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:C6	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:C8	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:H2	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:H61	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:H62	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:H8	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:N1	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:N3	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:N6	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:N7	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:N9	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:8:DA:P	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:C2	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:C4	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:C5	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:C6	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:C7	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:H3	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:H6	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:H71	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:H72	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:H73	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:N1	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:N3	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:O2	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:O4	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:9:DT:P	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:C2	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:C4	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:C5	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:C6	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:C8	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:H2	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:H3'	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:H61	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:H62	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:H8	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:N1	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:N3	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:N6	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:N7	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:N9	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:10:DA:P	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:C2	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:C4	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:C5	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:C6	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:C7	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:H3	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:H6	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:H71	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:H72	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:H73	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:N1	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:N3	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:O2	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:O4	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:11:DT:P	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:C1'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:C2	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:C2'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:C3'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:C4	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:C4'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:C5	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:C5'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:C6	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:H1'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:H2'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:H2''	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:H3'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:H4'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:H41	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:H42	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:H5	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:H5'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:H5''	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:H6	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:N1	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:N3	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:N4	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:O2	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:O3'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:O4'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:O5'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:OP1	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:OP2	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:12:DC:P	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:C2	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:C4	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:C5	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:C6	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:C8	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:H2	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:H61	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:H62	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:H8	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:N1	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:N3	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:N6	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:N7	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:N9	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:CA	3:Y:13:DA:P	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:3:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:3:DT:C2	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:3:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:3:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:3:DT:C4	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:3:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:3:DT:C5	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:3:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:3:DT:C6	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:3:DT:C7	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:3:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:3:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:3:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:3:DT:H3	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:3:DT:H3'	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CB	2:X:3:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:3:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:3:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:3:DT:H6	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:3:DT:H71	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:3:DT:H72	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:3:DT:H73	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:3:DT:N1	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:3:DT:N3	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:3:DT:O2	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:3:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:3:DT:O4	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:3:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:3:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:3:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:3:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:3:DT:P	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:4:DG:C1'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:4:DG:C2	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:4:DG:C2'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:4:DG:C3'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:4:DG:C4	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:4:DG:C4'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:4:DG:C5	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:4:DG:C5'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:4:DG:C6	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:4:DG:C8	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:4:DG:H1	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:4:DG:H1'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:4:DG:H2'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:4:DG:H2''	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:4:DG:H21	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:4:DG:H22	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:4:DG:H3'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:4:DG:H4'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:4:DG:H5'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:4:DG:H5''	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:4:DG:H8	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:4:DG:N1	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:4:DG:N2	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:4:DG:N3	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:4:DG:N7	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CB	2:X:4:DG:N9	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:4:DG:O3'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:4:DG:O4'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:4:DG:O5'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:4:DG:O6	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:4:DG:OP1	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:4:DG:OP2	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:4:DG:P	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:5:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:5:DA:C2	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:5:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:5:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:5:DA:C4	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:5:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:5:DA:C5	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:5:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:5:DA:C6	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:5:DA:C8	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:5:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:5:DA:H2	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:5:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:5:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:5:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:5:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:5:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:5:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:5:DA:H61	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:5:DA:H62	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:5:DA:H8	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:5:DA:N1	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:5:DA:N3	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:5:DA:N6	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:5:DA:N7	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:5:DA:N9	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:5:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:5:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:5:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:5:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:5:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:5:DA:P	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:6:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:6:DT:C2	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CB	2:X:6:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:6:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:6:DT:C4	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:6:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:6:DT:C5	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:6:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:6:DT:C6	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:6:DT:C7	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:6:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:6:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:6:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:6:DT:H3	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:6:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:6:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:6:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:6:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:6:DT:H6	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:6:DT:H71	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:6:DT:H72	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:6:DT:H73	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:6:DT:N1	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:6:DT:N3	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:6:DT:O2	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:6:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:6:DT:O4	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:6:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:6:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:6:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:6:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:6:DT:P	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:7:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:7:DA:C2	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:7:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:7:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:7:DA:C4	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:7:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:7:DA:C5	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:7:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:7:DA:C6	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:7:DA:C8	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:7:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:7:DA:H2	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CB	2:X:7:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:7:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:7:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:7:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:7:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:7:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:7:DA:H61	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:7:DA:H62	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:7:DA:H8	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:7:DA:N1	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:7:DA:N3	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:7:DA:N6	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:7:DA:N7	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:7:DA:N9	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:7:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:7:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:7:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:7:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:7:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:7:DA:P	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:8:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:8:DT:C2	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:8:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:8:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:8:DT:C4	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:8:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:8:DT:C5	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:8:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:8:DT:C6	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:8:DT:C7	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:8:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:8:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:8:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:8:DT:H3	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:8:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:8:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:8:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:8:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:8:DT:H6	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:8:DT:H71	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:8:DT:H72	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:8:DT:H73	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CB	2:X:8:DT:N1	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:8:DT:N3	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:8:DT:O2	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:8:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:8:DT:O4	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:8:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:8:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:8:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:8:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:8:DT:P	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:9:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:9:DA:C2	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:9:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:9:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:9:DA:C4	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:9:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:9:DA:C5	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:9:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:9:DA:C6	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:9:DA:C8	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:9:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:9:DA:H2	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:9:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:9:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:9:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:9:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:9:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:9:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:9:DA:H61	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:9:DA:H62	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:9:DA:H8	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:9:DA:N1	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:9:DA:N3	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:9:DA:N6	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:9:DA:N7	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:9:DA:N9	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:9:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:9:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:9:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:9:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:9:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:9:DA:P	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CB	2:X:10:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:10:DT:C2	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:10:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:10:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:10:DT:C4	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:10:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:10:DT:C5	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:10:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:10:DT:C6	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:10:DT:C7	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:10:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:10:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:10:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:10:DT:H3	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:10:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:10:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:10:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:10:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:10:DT:H6	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:10:DT:H71	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:10:DT:H72	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:10:DT:H73	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:10:DT:N1	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:10:DT:N3	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:10:DT:O2	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:10:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:10:DT:O4	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:10:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:10:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:10:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:10:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:10:DT:P	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:11:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:11:DA:C2	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:11:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:11:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:11:DA:C4	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:11:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:11:DA:C5	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:11:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:11:DA:C6	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:11:DA:C8	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CB	2:X:11:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:11:DA:H2	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:11:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:11:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:11:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:11:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:11:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:11:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:11:DA:H61	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:11:DA:H62	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:11:DA:H8	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:11:DA:N1	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:11:DA:N3	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:11:DA:N6	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:11:DA:N7	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:11:DA:N9	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:11:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:11:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:11:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:11:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:11:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:11:DA:P	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:12:DG:C1'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:12:DG:C2	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:12:DG:C2'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:12:DG:C3'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:12:DG:C4	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:12:DG:C4'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:12:DG:C5	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:12:DG:C5'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:12:DG:C6	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:12:DG:C8	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:12:DG:H1	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:12:DG:H1'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:12:DG:H2'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:12:DG:H2''	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:12:DG:H21	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:12:DG:H22	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:12:DG:H3'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:12:DG:H4'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:12:DG:H5'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:12:DG:H5''	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CB	2:X:12:DG:H8	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:12:DG:N1	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:12:DG:N2	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:12:DG:N3	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:12:DG:N7	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:12:DG:N9	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:12:DG:O3'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:12:DG:O4'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:12:DG:O5'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:12:DG:O6	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:12:DG:OP1	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:12:DG:OP2	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:12:DG:P	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:13:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:13:DT:C2	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:13:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:13:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:13:DT:C4	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:13:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:13:DT:C5	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:13:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:13:DT:C6	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:13:DT:C7	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:13:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:13:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:13:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:13:DT:H3	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:13:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:13:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:13:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:13:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:13:DT:H6	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:13:DT:H71	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:13:DT:H72	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:13:DT:H73	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:13:DT:N1	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:13:DT:N3	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:13:DT:O2	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:13:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:13:DT:O4	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:13:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:13:DT:O5'	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CB	2:X:13:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:13:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:CB	2:X:13:DT:P	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:C2	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:C4	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:C5	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:C6	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:C8	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:H2	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:H61	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:H62	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:H8	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:N1	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:N3	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:N6	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:N7	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:N9	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:3:DA:P	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:C1'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:C2	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:C2'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:C3'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:C4	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:C4'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:C5	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:C5'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:C6	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:H1'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:H2'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:H2''	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:H3'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:H4'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:H41	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:H42	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:H5	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:H5'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:H5''	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:H6	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:N1	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:N3	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:N4	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:O2	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:O3'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:O4'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:O5'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:OP1	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:OP2	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:4:DC:P	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:C2	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:C4	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:C5	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:C6	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:C7	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:H3	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:H6	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:H71	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:H72	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:H73	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:N1	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:N3	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:O2	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:O4	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:5:DT:P	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:C2	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:C4	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:C5	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:C6	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:C8	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:H2	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:H61	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:H62	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:H8	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:N1	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:N3	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:N6	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:N7	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:N9	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:O5'	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:6:DA:P	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:C2	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:C4	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:C5	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:C6	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:C7	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:H3	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:H6	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:H71	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:H72	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:H73	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:N1	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:N3	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:O2	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:O4	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:7:DT:P	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:C2	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:C4	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:C5	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:C6	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:C8	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:H2	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:H61	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:H62	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:H8	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:N1	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:N3	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:N6	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:N7	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:N9	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:8:DA:P	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:C2	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:C4	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:C5	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:C6	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:C7	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:H3	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:H5'	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:H6	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:H71	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:H72	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:H73	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:N1	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:N3	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:O2	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:O4	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:9:DT:P	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:C2	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:C4	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:C5	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:C6	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:C8	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:H2	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:H61	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:H62	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:H8	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:N1	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:N3	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:N6	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:N7	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:N9	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:O3'	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:10:DA:P	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:C2	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:C4	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:C5	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:C6	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:C7	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:H3	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:H6	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:H71	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:H72	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:H73	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:N1	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:N3	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:O2	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:O4	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:11:DT:P	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:C1'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:C2	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:C2'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:C3'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:C4	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:C4'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:C5	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:C5'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:C6	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:H1'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:H2'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:H2''	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:H3'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:H4'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:H41	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:H42	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:H5	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:H5'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:H5''	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:H6	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:N1	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:N3	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:N4	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:O2	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:O3'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:O4'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:O5'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:OP1	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:OP2	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:12:DC:P	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:C2	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:C4	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:C5	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:C6	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:C8	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:H2	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:H5'	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:H61	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:H62	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:H8	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:N1	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:N3	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:N6	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:N7	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:N9	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:CB	3:Y:13:DA:P	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:3:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:3:DT:C2	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:3:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:3:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:3:DT:C4	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:3:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:3:DT:C5	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:3:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:3:DT:C6	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:3:DT:C7	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:3:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:3:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:3:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:3:DT:H3	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:3:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:3:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:3:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:3:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:3:DT:H6	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:3:DT:H71	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:3:DT:H72	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:3:DT:H73	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:3:DT:N1	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:3:DT:N3	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:3:DT:O2	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:3:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:3:DT:O4	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CD	2:X:3:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:3:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:3:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:3:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:3:DT:P	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:4:DG:C1'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:4:DG:C2	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:4:DG:C2'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:4:DG:C3'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:4:DG:C4	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:4:DG:C4'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:4:DG:C5	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:4:DG:C5'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:4:DG:C6	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:4:DG:C8	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:4:DG:H1	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:4:DG:H1'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:4:DG:H2'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:4:DG:H2''	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:4:DG:H21	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:4:DG:H22	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:4:DG:H3'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:4:DG:H4'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:4:DG:H5'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:4:DG:H5''	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:4:DG:H8	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:4:DG:N1	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:4:DG:N2	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:4:DG:N3	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:4:DG:N7	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:4:DG:N9	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:4:DG:O3'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:4:DG:O4'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:4:DG:O5'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:4:DG:O6	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:4:DG:OP1	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:4:DG:OP2	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:4:DG:P	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:5:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:5:DA:C2	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:5:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:5:DA:C3'	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CD	2:X:5:DA:C4	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:5:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:5:DA:C5	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:5:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:5:DA:C6	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:5:DA:C8	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:5:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:5:DA:H2	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:5:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:5:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:5:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:5:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:5:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:5:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:5:DA:H61	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:5:DA:H62	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:5:DA:H8	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:5:DA:N1	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:5:DA:N3	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:5:DA:N6	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:5:DA:N7	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:5:DA:N9	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:5:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:5:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:5:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:5:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:5:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:5:DA:P	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:6:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:6:DT:C2	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:6:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:6:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:6:DT:C4	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:6:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:6:DT:C5	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:6:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:6:DT:C6	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:6:DT:C7	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:6:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:6:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:6:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:6:DT:H3	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CD	2:X:6:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:6:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:6:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:6:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:6:DT:H6	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:6:DT:H71	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:6:DT:H72	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:6:DT:H73	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:6:DT:N1	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:6:DT:N3	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:6:DT:O2	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:6:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:6:DT:O4	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:6:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:6:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:6:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:6:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:6:DT:P	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:7:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:7:DA:C2	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:7:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:7:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:7:DA:C4	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:7:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:7:DA:C5	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:7:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:7:DA:C6	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:7:DA:C8	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:7:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:7:DA:H2	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:7:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:7:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:7:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:7:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:7:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:7:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:7:DA:H61	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:7:DA:H62	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:7:DA:H8	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:7:DA:N1	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:7:DA:N3	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:7:DA:N6	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CD	2:X:7:DA:N7	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:7:DA:N9	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:7:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:7:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:7:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:7:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:7:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:7:DA:P	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:8:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:8:DT:C2	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:8:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:8:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:8:DT:C4	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:8:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:8:DT:C5	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:8:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:8:DT:C6	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:8:DT:C7	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:8:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:8:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:8:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:8:DT:H3	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:8:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:8:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:8:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:8:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:8:DT:H6	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:8:DT:H71	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:8:DT:H72	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:8:DT:H73	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:8:DT:N1	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:8:DT:N3	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:8:DT:O2	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:8:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:8:DT:O4	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:8:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:8:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:8:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:8:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:8:DT:P	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:9:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:9:DA:C2	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CD	2:X:9:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:9:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:9:DA:C4	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:9:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:9:DA:C5	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:9:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:9:DA:C6	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:9:DA:C8	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:9:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:9:DA:H2	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:9:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:9:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:9:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:9:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:9:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:9:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:9:DA:H61	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:9:DA:H62	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:9:DA:H8	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:9:DA:N1	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:9:DA:N3	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:9:DA:N6	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:9:DA:N7	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:9:DA:N9	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:9:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:9:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:9:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:9:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:9:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:9:DA:P	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:10:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:10:DT:C2	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:10:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:10:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:10:DT:C4	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:10:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:10:DT:C5	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:10:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:10:DT:C6	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:10:DT:C7	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:10:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:10:DT:H2'	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CD	2:X:10:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:10:DT:H3	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:10:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:10:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:10:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:10:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:10:DT:H6	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:10:DT:H71	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:10:DT:H72	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:10:DT:H73	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:10:DT:N1	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:10:DT:N3	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:10:DT:O2	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:10:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:10:DT:O4	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:10:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:10:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:10:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:10:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:10:DT:P	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:11:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:11:DA:C2	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:11:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:11:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:11:DA:C4	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:11:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:11:DA:C5	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:11:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:11:DA:C6	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:11:DA:C8	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:11:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:11:DA:H2	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:11:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:11:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:11:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:11:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:11:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:11:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:11:DA:H61	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:11:DA:H62	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:11:DA:H8	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:11:DA:N1	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CD	2:X:11:DA:N3	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:11:DA:N6	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:11:DA:N7	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:11:DA:N9	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:11:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:11:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:11:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:11:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:11:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:11:DA:P	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:12:DG:C1'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:12:DG:C2	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:12:DG:C2'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:12:DG:C3'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:12:DG:C4	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:12:DG:C4'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:12:DG:C5	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:12:DG:C5'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:12:DG:C6	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:12:DG:C8	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:12:DG:H1	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:12:DG:H1'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:12:DG:H2'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:12:DG:H2''	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:12:DG:H21	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:12:DG:H22	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:12:DG:H3'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:12:DG:H4'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:12:DG:H5'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:12:DG:H5''	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:12:DG:H8	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:12:DG:N1	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:12:DG:N2	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:12:DG:N3	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:12:DG:N7	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:12:DG:N9	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:12:DG:O3'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:12:DG:O4'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:12:DG:O5'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:12:DG:O6	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:12:DG:OP1	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:12:DG:OP2	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CD	2:X:12:DG:P	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:13:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:13:DT:C2	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:13:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:13:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:13:DT:C4	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:13:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:13:DT:C5	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:13:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:13:DT:C6	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:13:DT:C7	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:13:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:13:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:13:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:13:DT:H3	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:13:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:13:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:13:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:13:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:13:DT:H6	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:13:DT:H71	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:13:DT:H72	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:13:DT:H73	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:13:DT:N1	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:13:DT:N3	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:13:DT:O2	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:13:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:13:DT:O4	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:13:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:13:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:13:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:13:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:CD	2:X:13:DT:P	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:C2	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:C4	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:C5	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:C6	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:C8	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:H2	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:H61	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:H62	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:H8	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:N1	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:N3	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:N6	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:N7	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:N9	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:3:DA:P	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:C1'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:C2	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:C2'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:C3'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:C4	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:C4'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:C5	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:C5'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:C6	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:H1'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:H2'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:H2''	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:H3'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:H4'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:H41	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:H42	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:H5	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:H5'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:H5''	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:H6	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:N1	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:N3	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:N4	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:O2	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:O3'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:O4'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:O5'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:OP1	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:OP2	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:4:DC:P	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:C2	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:C4	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:C5	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:C6	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:C7	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:H3	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:H6	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:H71	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:H72	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:H73	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:N1	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:N3	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:O2	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:O4	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:OP2	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CD	3:Y:5:DT:P	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:C2	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:C4	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:C5	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:C6	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:C8	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:H2	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:H61	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:H62	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:H8	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:N1	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:N3	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:N6	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:N7	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:N9	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:6:DA:P	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:C2	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:C4	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:C5	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:C6	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:C7	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:H3	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:H6	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:H71	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:H72	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:H73	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:N1	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:N3	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:O2	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:O4	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:7:DT:P	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:C2	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:C4	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:C5	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:C6	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:C8	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:H2	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:H61	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:H62	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:H8	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:N1	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:N3	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:N6	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:N7	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:N9	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:8:DA:P	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:C2	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:C4	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:C5	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:C6	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:C7	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:H3	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:H6	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:H71	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:H72	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:H73	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:N1	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:N3	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:O2	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:O4	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:O5'	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:9:DT:P	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:C2	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:C4	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:C5	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:C6	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:C8	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:H2	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:H61	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:H62	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:H8	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:N1	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:N3	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:N6	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:N7	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:N9	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:10:DA:P	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:C2	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:C4	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:C5	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:C6	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:C7	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:H3	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:H6	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:H71	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:H72	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:H73	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:N1	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:N3	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:O2	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:O4	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:11:DT:P	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:C1'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:C2	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:C2'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:C3'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:C4	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:C4'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:C5	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:C5'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:C6	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:H1'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:H2'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:H2''	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:H3'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:H4'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:H41	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:H42	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:H5	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:H5'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:H5''	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:H6	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:N1	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:N3	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:N4	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:O2	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:O3'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:O4'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:O5'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:OP1	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:OP2	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:12:DC:P	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:C2	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:C4	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:C5	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:C6	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:C8	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:H2	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:H61	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:H62	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:H8	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:N1	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:N3	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:N6	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:N7	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:N9	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:O5'	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:CD	3:Y:13:DA:P	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:3:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:3:DT:C2	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:3:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:3:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:3:DT:C4	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:3:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:3:DT:C5	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:3:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:3:DT:C6	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:3:DT:C7	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:3:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:3:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:3:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:3:DT:H3	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:3:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:3:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:3:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:3:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:3:DT:H6	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:3:DT:H71	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:3:DT:H72	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:3:DT:H73	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:3:DT:N1	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:3:DT:N3	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:3:DT:O2	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:3:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:3:DT:O4	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:3:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:3:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:3:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:3:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:3:DT:P	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:4:DG:C1'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:4:DG:C2	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:4:DG:C2'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:4:DG:C3'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:4:DG:C4	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:4:DG:C4'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:4:DG:C5	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CG	2:X:4:DG:C5'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:4:DG:C6	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:4:DG:C8	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:4:DG:H1	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:4:DG:H1'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:4:DG:H2'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:4:DG:H2''	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:4:DG:H21	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:4:DG:H22	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:4:DG:H3'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:4:DG:H4'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:4:DG:H5'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:4:DG:H5''	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:4:DG:H8	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:4:DG:N1	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:4:DG:N2	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:4:DG:N3	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:4:DG:N7	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:4:DG:N9	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:4:DG:O3'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:4:DG:O4'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:4:DG:O5'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:4:DG:O6	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:4:DG:OP1	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:4:DG:OP2	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:4:DG:P	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:5:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:5:DA:C2	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:5:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:5:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:5:DA:C4	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:5:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:5:DA:C5	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:5:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:5:DA:C6	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:5:DA:C8	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:5:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:5:DA:H2	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:5:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:5:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:5:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:5:DA:H4'	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CG	2:X:5:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:5:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:5:DA:H61	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:5:DA:H62	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:5:DA:H8	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:5:DA:N1	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:5:DA:N3	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:5:DA:N6	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:5:DA:N7	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:5:DA:N9	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:5:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:5:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:5:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:5:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:5:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:5:DA:P	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:6:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:6:DT:C2	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:6:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:6:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:6:DT:C4	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:6:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:6:DT:C5	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:6:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:6:DT:C6	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:6:DT:C7	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:6:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:6:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:6:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:6:DT:H3	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:6:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:6:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:6:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:6:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:6:DT:H6	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:6:DT:H71	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:6:DT:H72	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:6:DT:H73	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:6:DT:N1	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:6:DT:N3	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:6:DT:O2	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:6:DT:O3'	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CG	2:X:6:DT:O4	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:6:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:6:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:6:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:6:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:6:DT:P	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:7:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:7:DA:C2	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:7:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:7:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:7:DA:C4	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:7:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:7:DA:C5	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:7:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:7:DA:C6	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:7:DA:C8	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:7:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:7:DA:H2	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:7:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:7:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:7:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:7:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:7:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:7:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:7:DA:H61	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:7:DA:H62	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:7:DA:H8	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:7:DA:N1	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:7:DA:N3	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:7:DA:N6	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:7:DA:N7	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:7:DA:N9	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:7:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:7:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:7:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:7:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:7:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:7:DA:P	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:8:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:8:DT:C2	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:8:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:8:DT:C3'	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CG	2:X:8:DT:C4	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:8:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:8:DT:C5	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:8:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:8:DT:C6	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:8:DT:C7	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:8:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:8:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:8:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:8:DT:H3	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:8:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:8:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:8:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:8:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:8:DT:H6	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:8:DT:H71	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:8:DT:H72	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:8:DT:H73	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:8:DT:N1	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:8:DT:N3	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:8:DT:O2	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:8:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:8:DT:O4	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:8:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:8:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:8:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:8:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:8:DT:P	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:9:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:9:DA:C2	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:9:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:9:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:9:DA:C4	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:9:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:9:DA:C5	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:9:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:9:DA:C6	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:9:DA:C8	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:9:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:9:DA:H2	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:9:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:9:DA:H2''	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CG	2:X:9:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:9:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:9:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:9:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:9:DA:H61	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:9:DA:H62	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:9:DA:H8	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:9:DA:N1	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:9:DA:N3	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:9:DA:N6	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:9:DA:N7	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:9:DA:N9	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:9:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:9:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:9:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:9:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:9:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:9:DA:P	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:10:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:10:DT:C2	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:10:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:10:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:10:DT:C4	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:10:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:10:DT:C5	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:10:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:10:DT:C6	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:10:DT:C7	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:10:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:10:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:10:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:10:DT:H3	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:10:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:10:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:10:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:10:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:10:DT:H6	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:10:DT:H71	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:10:DT:H72	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:10:DT:H73	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:10:DT:N1	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:10:DT:N3	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CG	2:X:10:DT:O2	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:10:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:10:DT:O4	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:10:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:10:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:10:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:10:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:10:DT:P	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:11:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:11:DA:C2	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:11:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:11:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:11:DA:C4	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:11:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:11:DA:C5	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:11:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:11:DA:C6	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:11:DA:C8	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:11:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:11:DA:H2	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:11:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:11:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:11:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:11:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:11:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:11:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:11:DA:H61	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:11:DA:H62	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:11:DA:H8	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:11:DA:N1	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:11:DA:N3	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:11:DA:N6	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:11:DA:N7	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:11:DA:N9	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:11:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:11:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:11:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:11:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:11:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:11:DA:P	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:12:DG:C1'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:12:DG:C2	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CG	2:X:12:DG:C2'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:12:DG:C3'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:12:DG:C4	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:12:DG:C4'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:12:DG:C5	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:12:DG:C5'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:12:DG:C6	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:12:DG:C8	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:12:DG:H1	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:12:DG:H1'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:12:DG:H2'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:12:DG:H2''	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:12:DG:H21	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:12:DG:H22	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:12:DG:H3'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:12:DG:H4'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:12:DG:H5'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:12:DG:H5''	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:12:DG:H8	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:12:DG:N1	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:12:DG:N2	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:12:DG:N3	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:12:DG:N7	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:12:DG:N9	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:12:DG:O3'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:12:DG:O4'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:12:DG:O5'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:12:DG:O6	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:12:DG:OP1	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:12:DG:OP2	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:12:DG:P	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:13:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:13:DT:C2	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:13:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:13:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:13:DT:C4	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:13:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:13:DT:C5	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:13:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:13:DT:C6	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:13:DT:C7	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:13:DT:H1'	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CG	2:X:13:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:13:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:13:DT:H3	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:13:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:13:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:13:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:13:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:13:DT:H6	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:13:DT:H71	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:13:DT:H72	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:13:DT:H73	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:13:DT:N1	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:13:DT:N3	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:13:DT:O2	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:13:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:13:DT:O4	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:13:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:13:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:13:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:13:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:CG	2:X:13:DT:P	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:C2	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:C4	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:C5	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:C6	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:C8	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:H2	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:H61	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:H62	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:H8	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:N1	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:N3	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:N6	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:N7	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:N9	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:3:DA:P	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:C1'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:C2	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:C2'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:C3'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:C4	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:C4'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:C5	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:C5'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:C6	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:H1'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:H2'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:H2''	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:H3'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:H4'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:H41	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:H42	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:H5	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:H5'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:H5''	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:H6	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:N1	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:N3	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:N4	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:O2	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:O3'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:O4'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:O5'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:OP1	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:OP2	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:4:DC:P	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:C1'	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:C2	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:C4	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:C5	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:C6	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:C7	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:H3	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:H6	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:H71	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:H72	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:H73	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:N1	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:N3	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:O2	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:O4	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:5:DT:P	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:C2	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:C4	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:C5	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:C6	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:C8	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:H1'	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:H2	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:H61	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:H62	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:H8	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:N1	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:N3	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:N6	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:N7	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:N9	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:6:DA:P	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:C2	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:C4	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:C5	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:C6	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:C7	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:H3	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:H6	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:H71	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:H72	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:H73	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:N1	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:N3	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:O2	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:O4	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:7:DT:P	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:C2	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:C4	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:C5	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:C6	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:C8	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:H2	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:H61	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:H62	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:H8	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:N1	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:N3	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:N6	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:N7	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:N9	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:OP2	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CG	3:Y:8:DA:P	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:C2	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:C4	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:C5	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:C6	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:C7	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:H3	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:H6	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:H71	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:H72	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:H73	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:N1	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:N3	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:O2	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:O4	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:9:DT:P	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:C2	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:C4	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:C5	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:C6	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:C8	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:H2	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:H61	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:H62	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:H8	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:N1	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:N3	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:N6	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:N7	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:N9	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:10:DA:P	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:C2	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:C4	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:C5	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:C6	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:C7	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:H3	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:H6	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:H71	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:H72	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:H73	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:N1	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:N3	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:O2	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:O4	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:11:DT:P	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:C1'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:C2	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:C2'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:C3'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:C4	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:C4'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:C5	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:C5'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:C6	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:H1'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:H2'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:H2''	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:H3'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:H4'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:H41	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:H42	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:H5	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:H5'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:H5''	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:H6	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:N1	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:N3	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:N4	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:O2	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:O3'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:O4'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:O5'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:OP1	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:OP2	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:CG	3:Y:12:DC:P	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:C2	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:C4	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:C5	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:C6	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:C8	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:H2	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:H61	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:H62	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:H8	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:N1	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:N3	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:N6	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:N7	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:N9	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:CG	3:Y:13:DA:P	6	1.52
(1,8)	1:A:18:PRO:N	2:X:3:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:3:DT:C2	6	1.52
(1,8)	1:A:18:PRO:N	2:X:3:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:3:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:3:DT:C4	6	1.52
(1,8)	1:A:18:PRO:N	2:X:3:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:3:DT:C5	6	1.52
(1,8)	1:A:18:PRO:N	2:X:3:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:3:DT:C6	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:N	2:X:3:DT:C7	6	1.52
(1,8)	1:A:18:PRO:N	2:X:3:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:3:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:3:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:N	2:X:3:DT:H3	6	1.52
(1,8)	1:A:18:PRO:N	2:X:3:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:3:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:3:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:3:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:N	2:X:3:DT:H6	6	1.52
(1,8)	1:A:18:PRO:N	2:X:3:DT:H71	6	1.52
(1,8)	1:A:18:PRO:N	2:X:3:DT:H72	6	1.52
(1,8)	1:A:18:PRO:N	2:X:3:DT:H73	6	1.52
(1,8)	1:A:18:PRO:N	2:X:3:DT:N1	6	1.52
(1,8)	1:A:18:PRO:N	2:X:3:DT:N3	6	1.52
(1,8)	1:A:18:PRO:N	2:X:3:DT:O2	6	1.52
(1,8)	1:A:18:PRO:N	2:X:3:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:3:DT:O4	6	1.52
(1,8)	1:A:18:PRO:N	2:X:3:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:3:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:3:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:N	2:X:3:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:N	2:X:3:DT:P	6	1.52
(1,8)	1:A:18:PRO:N	2:X:4:DG:C1'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:4:DG:C2	6	1.52
(1,8)	1:A:18:PRO:N	2:X:4:DG:C2'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:4:DG:C3'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:4:DG:C4	6	1.52
(1,8)	1:A:18:PRO:N	2:X:4:DG:C4'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:4:DG:C5	6	1.52
(1,8)	1:A:18:PRO:N	2:X:4:DG:C5'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:4:DG:C6	6	1.52
(1,8)	1:A:18:PRO:N	2:X:4:DG:C8	6	1.52
(1,8)	1:A:18:PRO:N	2:X:4:DG:H1	6	1.52
(1,8)	1:A:18:PRO:N	2:X:4:DG:H1'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:4:DG:H2'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:4:DG:H2''	6	1.52
(1,8)	1:A:18:PRO:N	2:X:4:DG:H21	6	1.52
(1,8)	1:A:18:PRO:N	2:X:4:DG:H22	6	1.52
(1,8)	1:A:18:PRO:N	2:X:4:DG:H3'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:4:DG:H4'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:4:DG:H5'	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:N	2:X:4:DG:H5''	6	1.52
(1,8)	1:A:18:PRO:N	2:X:4:DG:H8	6	1.52
(1,8)	1:A:18:PRO:N	2:X:4:DG:N1	6	1.52
(1,8)	1:A:18:PRO:N	2:X:4:DG:N2	6	1.52
(1,8)	1:A:18:PRO:N	2:X:4:DG:N3	6	1.52
(1,8)	1:A:18:PRO:N	2:X:4:DG:N7	6	1.52
(1,8)	1:A:18:PRO:N	2:X:4:DG:N9	6	1.52
(1,8)	1:A:18:PRO:N	2:X:4:DG:O3'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:4:DG:O4'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:4:DG:O5'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:4:DG:O6	6	1.52
(1,8)	1:A:18:PRO:N	2:X:4:DG:OP1	6	1.52
(1,8)	1:A:18:PRO:N	2:X:4:DG:OP2	6	1.52
(1,8)	1:A:18:PRO:N	2:X:4:DG:P	6	1.52
(1,8)	1:A:18:PRO:N	2:X:5:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:5:DA:C2	6	1.52
(1,8)	1:A:18:PRO:N	2:X:5:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:5:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:5:DA:C4	6	1.52
(1,8)	1:A:18:PRO:N	2:X:5:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:5:DA:C5	6	1.52
(1,8)	1:A:18:PRO:N	2:X:5:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:5:DA:C6	6	1.52
(1,8)	1:A:18:PRO:N	2:X:5:DA:C8	6	1.52
(1,8)	1:A:18:PRO:N	2:X:5:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:5:DA:H2	6	1.52
(1,8)	1:A:18:PRO:N	2:X:5:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:5:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:N	2:X:5:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:5:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:5:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:5:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:N	2:X:5:DA:H61	6	1.52
(1,8)	1:A:18:PRO:N	2:X:5:DA:H62	6	1.52
(1,8)	1:A:18:PRO:N	2:X:5:DA:H8	6	1.52
(1,8)	1:A:18:PRO:N	2:X:5:DA:N1	6	1.52
(1,8)	1:A:18:PRO:N	2:X:5:DA:N3	6	1.52
(1,8)	1:A:18:PRO:N	2:X:5:DA:N6	6	1.52
(1,8)	1:A:18:PRO:N	2:X:5:DA:N7	6	1.52
(1,8)	1:A:18:PRO:N	2:X:5:DA:N9	6	1.52
(1,8)	1:A:18:PRO:N	2:X:5:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:5:DA:O4'	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:N	2:X:5:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:5:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:N	2:X:5:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:N	2:X:5:DA:P	6	1.52
(1,8)	1:A:18:PRO:N	2:X:6:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:6:DT:C2	6	1.52
(1,8)	1:A:18:PRO:N	2:X:6:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:6:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:6:DT:C4	6	1.52
(1,8)	1:A:18:PRO:N	2:X:6:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:6:DT:C5	6	1.52
(1,8)	1:A:18:PRO:N	2:X:6:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:6:DT:C6	6	1.52
(1,8)	1:A:18:PRO:N	2:X:6:DT:C7	6	1.52
(1,8)	1:A:18:PRO:N	2:X:6:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:6:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:6:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:N	2:X:6:DT:H3	6	1.52
(1,8)	1:A:18:PRO:N	2:X:6:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:6:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:6:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:6:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:N	2:X:6:DT:H6	6	1.52
(1,8)	1:A:18:PRO:N	2:X:6:DT:H71	6	1.52
(1,8)	1:A:18:PRO:N	2:X:6:DT:H72	6	1.52
(1,8)	1:A:18:PRO:N	2:X:6:DT:H73	6	1.52
(1,8)	1:A:18:PRO:N	2:X:6:DT:N1	6	1.52
(1,8)	1:A:18:PRO:N	2:X:6:DT:N3	6	1.52
(1,8)	1:A:18:PRO:N	2:X:6:DT:O2	6	1.52
(1,8)	1:A:18:PRO:N	2:X:6:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:6:DT:O4	6	1.52
(1,8)	1:A:18:PRO:N	2:X:6:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:6:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:6:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:N	2:X:6:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:N	2:X:6:DT:P	6	1.52
(1,8)	1:A:18:PRO:N	2:X:7:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:7:DA:C2	6	1.52
(1,8)	1:A:18:PRO:N	2:X:7:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:7:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:7:DA:C4	6	1.52
(1,8)	1:A:18:PRO:N	2:X:7:DA:C4'	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:N	2:X:7:DA:C5	6	1.52
(1,8)	1:A:18:PRO:N	2:X:7:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:7:DA:C6	6	1.52
(1,8)	1:A:18:PRO:N	2:X:7:DA:C8	6	1.52
(1,8)	1:A:18:PRO:N	2:X:7:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:7:DA:H2	6	1.52
(1,8)	1:A:18:PRO:N	2:X:7:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:7:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:N	2:X:7:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:7:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:7:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:7:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:N	2:X:7:DA:H61	6	1.52
(1,8)	1:A:18:PRO:N	2:X:7:DA:H62	6	1.52
(1,8)	1:A:18:PRO:N	2:X:7:DA:H8	6	1.52
(1,8)	1:A:18:PRO:N	2:X:7:DA:N1	6	1.52
(1,8)	1:A:18:PRO:N	2:X:7:DA:N3	6	1.52
(1,8)	1:A:18:PRO:N	2:X:7:DA:N6	6	1.52
(1,8)	1:A:18:PRO:N	2:X:7:DA:N7	6	1.52
(1,8)	1:A:18:PRO:N	2:X:7:DA:N9	6	1.52
(1,8)	1:A:18:PRO:N	2:X:7:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:7:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:7:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:7:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:N	2:X:7:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:N	2:X:7:DA:P	6	1.52
(1,8)	1:A:18:PRO:N	2:X:8:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:8:DT:C2	6	1.52
(1,8)	1:A:18:PRO:N	2:X:8:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:8:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:8:DT:C4	6	1.52
(1,8)	1:A:18:PRO:N	2:X:8:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:8:DT:C5	6	1.52
(1,8)	1:A:18:PRO:N	2:X:8:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:8:DT:C6	6	1.52
(1,8)	1:A:18:PRO:N	2:X:8:DT:C7	6	1.52
(1,8)	1:A:18:PRO:N	2:X:8:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:8:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:8:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:N	2:X:8:DT:H3	6	1.52
(1,8)	1:A:18:PRO:N	2:X:8:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:8:DT:H4'	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:N	2:X:8:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:8:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:N	2:X:8:DT:H6	6	1.52
(1,8)	1:A:18:PRO:N	2:X:8:DT:H71	6	1.52
(1,8)	1:A:18:PRO:N	2:X:8:DT:H72	6	1.52
(1,8)	1:A:18:PRO:N	2:X:8:DT:H73	6	1.52
(1,8)	1:A:18:PRO:N	2:X:8:DT:N1	6	1.52
(1,8)	1:A:18:PRO:N	2:X:8:DT:N3	6	1.52
(1,8)	1:A:18:PRO:N	2:X:8:DT:O2	6	1.52
(1,8)	1:A:18:PRO:N	2:X:8:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:8:DT:O4	6	1.52
(1,8)	1:A:18:PRO:N	2:X:8:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:8:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:8:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:N	2:X:8:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:N	2:X:8:DT:P	6	1.52
(1,8)	1:A:18:PRO:N	2:X:9:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:9:DA:C2	6	1.52
(1,8)	1:A:18:PRO:N	2:X:9:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:9:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:9:DA:C4	6	1.52
(1,8)	1:A:18:PRO:N	2:X:9:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:9:DA:C5	6	1.52
(1,8)	1:A:18:PRO:N	2:X:9:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:9:DA:C6	6	1.52
(1,8)	1:A:18:PRO:N	2:X:9:DA:C8	6	1.52
(1,8)	1:A:18:PRO:N	2:X:9:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:9:DA:H2	6	1.52
(1,8)	1:A:18:PRO:N	2:X:9:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:9:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:N	2:X:9:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:9:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:9:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:9:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:N	2:X:9:DA:H61	6	1.52
(1,8)	1:A:18:PRO:N	2:X:9:DA:H62	6	1.52
(1,8)	1:A:18:PRO:N	2:X:9:DA:H8	6	1.52
(1,8)	1:A:18:PRO:N	2:X:9:DA:N1	6	1.52
(1,8)	1:A:18:PRO:N	2:X:9:DA:N3	6	1.52
(1,8)	1:A:18:PRO:N	2:X:9:DA:N6	6	1.52
(1,8)	1:A:18:PRO:N	2:X:9:DA:N7	6	1.52
(1,8)	1:A:18:PRO:N	2:X:9:DA:N9	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:N	2:X:9:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:9:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:9:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:9:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:N	2:X:9:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:N	2:X:9:DA:P	6	1.52
(1,8)	1:A:18:PRO:N	2:X:10:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:10:DT:C2	6	1.52
(1,8)	1:A:18:PRO:N	2:X:10:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:10:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:10:DT:C4	6	1.52
(1,8)	1:A:18:PRO:N	2:X:10:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:10:DT:C5	6	1.52
(1,8)	1:A:18:PRO:N	2:X:10:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:10:DT:C6	6	1.52
(1,8)	1:A:18:PRO:N	2:X:10:DT:C7	6	1.52
(1,8)	1:A:18:PRO:N	2:X:10:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:10:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:10:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:N	2:X:10:DT:H3	6	1.52
(1,8)	1:A:18:PRO:N	2:X:10:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:10:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:10:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:10:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:N	2:X:10:DT:H6	6	1.52
(1,8)	1:A:18:PRO:N	2:X:10:DT:H71	6	1.52
(1,8)	1:A:18:PRO:N	2:X:10:DT:H72	6	1.52
(1,8)	1:A:18:PRO:N	2:X:10:DT:H73	6	1.52
(1,8)	1:A:18:PRO:N	2:X:10:DT:N1	6	1.52
(1,8)	1:A:18:PRO:N	2:X:10:DT:N3	6	1.52
(1,8)	1:A:18:PRO:N	2:X:10:DT:O2	6	1.52
(1,8)	1:A:18:PRO:N	2:X:10:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:10:DT:O4	6	1.52
(1,8)	1:A:18:PRO:N	2:X:10:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:10:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:10:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:N	2:X:10:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:N	2:X:10:DT:P	6	1.52
(1,8)	1:A:18:PRO:N	2:X:11:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:11:DA:C2	6	1.52
(1,8)	1:A:18:PRO:N	2:X:11:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:11:DA:C3'	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:N	2:X:11:DA:C4	6	1.52
(1,8)	1:A:18:PRO:N	2:X:11:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:11:DA:C5	6	1.52
(1,8)	1:A:18:PRO:N	2:X:11:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:11:DA:C6	6	1.52
(1,8)	1:A:18:PRO:N	2:X:11:DA:C8	6	1.52
(1,8)	1:A:18:PRO:N	2:X:11:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:11:DA:H2	6	1.52
(1,8)	1:A:18:PRO:N	2:X:11:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:11:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:N	2:X:11:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:11:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:11:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:11:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:N	2:X:11:DA:H61	6	1.52
(1,8)	1:A:18:PRO:N	2:X:11:DA:H62	6	1.52
(1,8)	1:A:18:PRO:N	2:X:11:DA:H8	6	1.52
(1,8)	1:A:18:PRO:N	2:X:11:DA:N1	6	1.52
(1,8)	1:A:18:PRO:N	2:X:11:DA:N3	6	1.52
(1,8)	1:A:18:PRO:N	2:X:11:DA:N6	6	1.52
(1,8)	1:A:18:PRO:N	2:X:11:DA:N7	6	1.52
(1,8)	1:A:18:PRO:N	2:X:11:DA:N9	6	1.52
(1,8)	1:A:18:PRO:N	2:X:11:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:11:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:11:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:11:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:N	2:X:11:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:N	2:X:11:DA:P	6	1.52
(1,8)	1:A:18:PRO:N	2:X:12:DG:C1'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:12:DG:C2	6	1.52
(1,8)	1:A:18:PRO:N	2:X:12:DG:C2'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:12:DG:C3'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:12:DG:C4	6	1.52
(1,8)	1:A:18:PRO:N	2:X:12:DG:C4'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:12:DG:C5	6	1.52
(1,8)	1:A:18:PRO:N	2:X:12:DG:C5'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:12:DG:C6	6	1.52
(1,8)	1:A:18:PRO:N	2:X:12:DG:C8	6	1.52
(1,8)	1:A:18:PRO:N	2:X:12:DG:H1	6	1.52
(1,8)	1:A:18:PRO:N	2:X:12:DG:H1'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:12:DG:H2'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:12:DG:H2''	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:N	2:X:12:DG:H21	6	1.52
(1,8)	1:A:18:PRO:N	2:X:12:DG:H22	6	1.52
(1,8)	1:A:18:PRO:N	2:X:12:DG:H3'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:12:DG:H4'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:12:DG:H5'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:12:DG:H5''	6	1.52
(1,8)	1:A:18:PRO:N	2:X:12:DG:H8	6	1.52
(1,8)	1:A:18:PRO:N	2:X:12:DG:N1	6	1.52
(1,8)	1:A:18:PRO:N	2:X:12:DG:N2	6	1.52
(1,8)	1:A:18:PRO:N	2:X:12:DG:N3	6	1.52
(1,8)	1:A:18:PRO:N	2:X:12:DG:N7	6	1.52
(1,8)	1:A:18:PRO:N	2:X:12:DG:N9	6	1.52
(1,8)	1:A:18:PRO:N	2:X:12:DG:O3'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:12:DG:O4'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:12:DG:O5'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:12:DG:O6	6	1.52
(1,8)	1:A:18:PRO:N	2:X:12:DG:OP1	6	1.52
(1,8)	1:A:18:PRO:N	2:X:12:DG:OP2	6	1.52
(1,8)	1:A:18:PRO:N	2:X:12:DG:P	6	1.52
(1,8)	1:A:18:PRO:N	2:X:13:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:13:DT:C2	6	1.52
(1,8)	1:A:18:PRO:N	2:X:13:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:13:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:13:DT:C4	6	1.52
(1,8)	1:A:18:PRO:N	2:X:13:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:13:DT:C5	6	1.52
(1,8)	1:A:18:PRO:N	2:X:13:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:13:DT:C6	6	1.52
(1,8)	1:A:18:PRO:N	2:X:13:DT:C7	6	1.52
(1,8)	1:A:18:PRO:N	2:X:13:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:13:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:13:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:N	2:X:13:DT:H3	6	1.52
(1,8)	1:A:18:PRO:N	2:X:13:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:13:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:13:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:13:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:N	2:X:13:DT:H6	6	1.52
(1,8)	1:A:18:PRO:N	2:X:13:DT:H71	6	1.52
(1,8)	1:A:18:PRO:N	2:X:13:DT:H72	6	1.52
(1,8)	1:A:18:PRO:N	2:X:13:DT:H73	6	1.52
(1,8)	1:A:18:PRO:N	2:X:13:DT:N1	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:N	2:X:13:DT:N3	6	1.52
(1,8)	1:A:18:PRO:N	2:X:13:DT:O2	6	1.52
(1,8)	1:A:18:PRO:N	2:X:13:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:13:DT:O4	6	1.52
(1,8)	1:A:18:PRO:N	2:X:13:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:13:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:N	2:X:13:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:N	2:X:13:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:N	2:X:13:DT:P	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:3:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:3:DA:C2	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:3:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:3:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:3:DA:C4	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:3:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:3:DA:C5	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:3:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:3:DA:C6	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:3:DA:C8	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:3:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:3:DA:H2	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:3:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:3:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:3:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:3:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:3:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:3:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:3:DA:H61	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:3:DA:H62	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:3:DA:H8	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:3:DA:N1	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:3:DA:N3	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:3:DA:N6	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:3:DA:N7	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:3:DA:N9	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:3:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:3:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:3:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:3:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:3:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:3:DA:P	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:4:DC:C1'	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:N	3:Y:4:DC:C2	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:4:DC:C2'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:4:DC:C3'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:4:DC:C4	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:4:DC:C4'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:4:DC:C5	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:4:DC:C5'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:4:DC:C6	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:4:DC:H1'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:4:DC:H2'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:4:DC:H2''	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:4:DC:H3'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:4:DC:H4'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:4:DC:H41	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:4:DC:H42	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:4:DC:H5	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:4:DC:H5'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:4:DC:H5''	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:4:DC:H6	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:4:DC:N1	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:4:DC:N3	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:4:DC:N4	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:4:DC:O2	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:4:DC:O3'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:4:DC:O4'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:4:DC:O5'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:4:DC:OP1	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:4:DC:OP2	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:4:DC:P	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:5:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:5:DT:C2	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:5:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:5:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:5:DT:C4	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:5:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:5:DT:C5	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:5:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:5:DT:C6	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:5:DT:C7	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:5:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:5:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:5:DT:H2''	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:N	3:Y:5:DT:H3	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:5:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:5:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:5:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:5:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:5:DT:H6	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:5:DT:H71	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:5:DT:H72	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:5:DT:H73	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:5:DT:N1	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:5:DT:N3	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:5:DT:O2	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:5:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:5:DT:O4	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:5:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:5:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:5:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:5:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:5:DT:P	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:6:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:6:DA:C2	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:6:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:6:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:6:DA:C4	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:6:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:6:DA:C5	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:6:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:6:DA:C6	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:6:DA:C8	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:6:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:6:DA:H2	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:6:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:6:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:6:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:6:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:6:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:6:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:6:DA:H61	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:6:DA:H62	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:6:DA:H8	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:6:DA:N1	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:6:DA:N3	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:N	3:Y:6:DA:N6	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:6:DA:N7	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:6:DA:N9	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:6:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:6:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:6:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:6:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:6:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:6:DA:P	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:7:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:7:DT:C2	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:7:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:7:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:7:DT:C4	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:7:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:7:DT:C5	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:7:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:7:DT:C6	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:7:DT:C7	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:7:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:7:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:7:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:7:DT:H3	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:7:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:7:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:7:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:7:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:7:DT:H6	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:7:DT:H71	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:7:DT:H72	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:7:DT:H73	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:7:DT:N1	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:7:DT:N3	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:7:DT:O2	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:7:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:7:DT:O4	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:7:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:7:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:7:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:7:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:7:DT:P	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:8:DA:C1'	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:N	3:Y:8:DA:C2	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:8:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:8:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:8:DA:C4	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:8:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:8:DA:C5	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:8:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:8:DA:C6	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:8:DA:C8	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:8:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:8:DA:H2	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:8:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:8:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:8:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:8:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:8:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:8:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:8:DA:H61	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:8:DA:H62	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:8:DA:H8	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:8:DA:N1	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:8:DA:N3	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:8:DA:N6	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:8:DA:N7	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:8:DA:N9	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:8:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:8:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:8:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:8:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:8:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:8:DA:P	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:9:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:9:DT:C2	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:9:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:9:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:9:DT:C4	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:9:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:9:DT:C5	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:9:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:9:DT:C6	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:9:DT:C7	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:9:DT:H1'	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:N	3:Y:9:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:9:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:9:DT:H3	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:9:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:9:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:9:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:9:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:9:DT:H6	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:9:DT:H71	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:9:DT:H72	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:9:DT:H73	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:9:DT:N1	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:9:DT:N3	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:9:DT:O2	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:9:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:9:DT:O4	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:9:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:9:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:9:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:9:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:9:DT:P	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:10:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:10:DA:C2	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:10:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:10:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:10:DA:C4	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:10:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:10:DA:C5	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:10:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:10:DA:C6	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:10:DA:C8	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:10:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:10:DA:H2	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:10:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:10:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:10:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:10:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:10:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:10:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:10:DA:H61	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:10:DA:H62	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:10:DA:H8	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:N	3:Y:10:DA:N1	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:10:DA:N3	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:10:DA:N6	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:10:DA:N7	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:10:DA:N9	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:10:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:10:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:10:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:10:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:10:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:10:DA:P	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:11:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:11:DT:C2	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:11:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:11:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:11:DT:C4	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:11:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:11:DT:C5	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:11:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:11:DT:C6	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:11:DT:C7	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:11:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:11:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:11:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:11:DT:H3	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:11:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:11:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:11:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:11:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:11:DT:H6	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:11:DT:H71	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:11:DT:H72	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:11:DT:H73	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:11:DT:N1	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:11:DT:N3	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:11:DT:O2	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:11:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:11:DT:O4	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:11:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:11:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:11:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:11:DT:OP2	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:N	3:Y:11:DT:P	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:12:DC:C1'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:12:DC:C2	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:12:DC:C2'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:12:DC:C3'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:12:DC:C4	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:12:DC:C4'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:12:DC:C5	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:12:DC:C5'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:12:DC:C6	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:12:DC:H1'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:12:DC:H2'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:12:DC:H2''	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:12:DC:H3'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:12:DC:H4'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:12:DC:H41	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:12:DC:H42	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:12:DC:H5	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:12:DC:H5'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:12:DC:H5''	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:12:DC:H6	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:12:DC:N1	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:12:DC:N3	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:12:DC:N4	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:12:DC:O2	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:12:DC:O3'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:12:DC:O4'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:12:DC:O5'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:12:DC:OP1	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:12:DC:OP2	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:12:DC:P	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:13:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:13:DA:C2	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:13:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:13:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:13:DA:C4	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:13:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:13:DA:C5	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:13:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:13:DA:C6	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:13:DA:C8	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:13:DA:H1'	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:N	3:Y:13:DA:H2	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:13:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:13:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:13:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:13:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:13:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:13:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:13:DA:H61	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:13:DA:H62	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:13:DA:H8	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:13:DA:N1	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:13:DA:N3	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:13:DA:N6	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:13:DA:N7	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:13:DA:N9	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:13:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:13:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:13:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:13:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:13:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:N	3:Y:13:DA:P	6	1.52
(1,8)	1:A:18:PRO:O	2:X:3:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:3:DT:C2	6	1.52
(1,8)	1:A:18:PRO:O	2:X:3:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:3:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:3:DT:C4	6	1.52
(1,8)	1:A:18:PRO:O	2:X:3:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:3:DT:C5	6	1.52
(1,8)	1:A:18:PRO:O	2:X:3:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:3:DT:C6	6	1.52
(1,8)	1:A:18:PRO:O	2:X:3:DT:C7	6	1.52
(1,8)	1:A:18:PRO:O	2:X:3:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:3:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:3:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:O	2:X:3:DT:H3	6	1.52
(1,8)	1:A:18:PRO:O	2:X:3:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:3:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:3:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:3:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:O	2:X:3:DT:H6	6	1.52
(1,8)	1:A:18:PRO:O	2:X:3:DT:H71	6	1.52
(1,8)	1:A:18:PRO:O	2:X:3:DT:H72	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:O	2:X:3:DT:H73	6	1.52
(1,8)	1:A:18:PRO:O	2:X:3:DT:N1	6	1.52
(1,8)	1:A:18:PRO:O	2:X:3:DT:N3	6	1.52
(1,8)	1:A:18:PRO:O	2:X:3:DT:O2	6	1.52
(1,8)	1:A:18:PRO:O	2:X:3:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:3:DT:O4	6	1.52
(1,8)	1:A:18:PRO:O	2:X:3:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:3:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:3:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:O	2:X:3:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:O	2:X:3:DT:P	6	1.52
(1,8)	1:A:18:PRO:O	2:X:4:DG:C1'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:4:DG:C2	6	1.52
(1,8)	1:A:18:PRO:O	2:X:4:DG:C2'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:4:DG:C3'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:4:DG:C4	6	1.52
(1,8)	1:A:18:PRO:O	2:X:4:DG:C4'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:4:DG:C5	6	1.52
(1,8)	1:A:18:PRO:O	2:X:4:DG:C5'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:4:DG:C6	6	1.52
(1,8)	1:A:18:PRO:O	2:X:4:DG:C8	6	1.52
(1,8)	1:A:18:PRO:O	2:X:4:DG:H1	6	1.52
(1,8)	1:A:18:PRO:O	2:X:4:DG:H1'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:4:DG:H2'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:4:DG:H2''	6	1.52
(1,8)	1:A:18:PRO:O	2:X:4:DG:H21	6	1.52
(1,8)	1:A:18:PRO:O	2:X:4:DG:H22	6	1.52
(1,8)	1:A:18:PRO:O	2:X:4:DG:H3'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:4:DG:H4'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:4:DG:H5'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:4:DG:H5''	6	1.52
(1,8)	1:A:18:PRO:O	2:X:4:DG:H8	6	1.52
(1,8)	1:A:18:PRO:O	2:X:4:DG:N1	6	1.52
(1,8)	1:A:18:PRO:O	2:X:4:DG:N2	6	1.52
(1,8)	1:A:18:PRO:O	2:X:4:DG:N3	6	1.52
(1,8)	1:A:18:PRO:O	2:X:4:DG:N7	6	1.52
(1,8)	1:A:18:PRO:O	2:X:4:DG:N9	6	1.52
(1,8)	1:A:18:PRO:O	2:X:4:DG:O3'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:4:DG:O4'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:4:DG:O5'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:4:DG:O6	6	1.52
(1,8)	1:A:18:PRO:O	2:X:4:DG:OP1	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:O	2:X:4:DG:OP2	6	1.52
(1,8)	1:A:18:PRO:O	2:X:4:DG:P	6	1.52
(1,8)	1:A:18:PRO:O	2:X:5:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:5:DA:C2	6	1.52
(1,8)	1:A:18:PRO:O	2:X:5:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:5:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:5:DA:C4	6	1.52
(1,8)	1:A:18:PRO:O	2:X:5:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:5:DA:C5	6	1.52
(1,8)	1:A:18:PRO:O	2:X:5:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:5:DA:C6	6	1.52
(1,8)	1:A:18:PRO:O	2:X:5:DA:C8	6	1.52
(1,8)	1:A:18:PRO:O	2:X:5:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:5:DA:H2	6	1.52
(1,8)	1:A:18:PRO:O	2:X:5:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:5:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:O	2:X:5:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:5:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:5:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:5:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:O	2:X:5:DA:H61	6	1.52
(1,8)	1:A:18:PRO:O	2:X:5:DA:H62	6	1.52
(1,8)	1:A:18:PRO:O	2:X:5:DA:H8	6	1.52
(1,8)	1:A:18:PRO:O	2:X:5:DA:N1	6	1.52
(1,8)	1:A:18:PRO:O	2:X:5:DA:N3	6	1.52
(1,8)	1:A:18:PRO:O	2:X:5:DA:N6	6	1.52
(1,8)	1:A:18:PRO:O	2:X:5:DA:N7	6	1.52
(1,8)	1:A:18:PRO:O	2:X:5:DA:N9	6	1.52
(1,8)	1:A:18:PRO:O	2:X:5:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:5:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:5:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:5:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:O	2:X:5:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:O	2:X:5:DA:P	6	1.52
(1,8)	1:A:18:PRO:O	2:X:6:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:6:DT:C2	6	1.52
(1,8)	1:A:18:PRO:O	2:X:6:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:6:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:6:DT:C4	6	1.52
(1,8)	1:A:18:PRO:O	2:X:6:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:6:DT:C5	6	1.52
(1,8)	1:A:18:PRO:O	2:X:6:DT:C5'	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:O	2:X:6:DT:C6	6	1.52
(1,8)	1:A:18:PRO:O	2:X:6:DT:C7	6	1.52
(1,8)	1:A:18:PRO:O	2:X:6:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:6:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:6:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:O	2:X:6:DT:H3	6	1.52
(1,8)	1:A:18:PRO:O	2:X:6:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:6:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:6:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:6:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:O	2:X:6:DT:H6	6	1.52
(1,8)	1:A:18:PRO:O	2:X:6:DT:H71	6	1.52
(1,8)	1:A:18:PRO:O	2:X:6:DT:H72	6	1.52
(1,8)	1:A:18:PRO:O	2:X:6:DT:H73	6	1.52
(1,8)	1:A:18:PRO:O	2:X:6:DT:N1	6	1.52
(1,8)	1:A:18:PRO:O	2:X:6:DT:N3	6	1.52
(1,8)	1:A:18:PRO:O	2:X:6:DT:O2	6	1.52
(1,8)	1:A:18:PRO:O	2:X:6:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:6:DT:O4	6	1.52
(1,8)	1:A:18:PRO:O	2:X:6:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:6:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:6:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:O	2:X:6:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:O	2:X:6:DT:P	6	1.52
(1,8)	1:A:18:PRO:O	2:X:7:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:7:DA:C2	6	1.52
(1,8)	1:A:18:PRO:O	2:X:7:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:7:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:7:DA:C4	6	1.52
(1,8)	1:A:18:PRO:O	2:X:7:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:7:DA:C5	6	1.52
(1,8)	1:A:18:PRO:O	2:X:7:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:7:DA:C6	6	1.52
(1,8)	1:A:18:PRO:O	2:X:7:DA:C8	6	1.52
(1,8)	1:A:18:PRO:O	2:X:7:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:7:DA:H2	6	1.52
(1,8)	1:A:18:PRO:O	2:X:7:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:7:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:O	2:X:7:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:7:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:7:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:7:DA:H5''	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:O	2:X:7:DA:H61	6	1.52
(1,8)	1:A:18:PRO:O	2:X:7:DA:H62	6	1.52
(1,8)	1:A:18:PRO:O	2:X:7:DA:H8	6	1.52
(1,8)	1:A:18:PRO:O	2:X:7:DA:N1	6	1.52
(1,8)	1:A:18:PRO:O	2:X:7:DA:N3	6	1.52
(1,8)	1:A:18:PRO:O	2:X:7:DA:N6	6	1.52
(1,8)	1:A:18:PRO:O	2:X:7:DA:N7	6	1.52
(1,8)	1:A:18:PRO:O	2:X:7:DA:N9	6	1.52
(1,8)	1:A:18:PRO:O	2:X:7:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:7:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:7:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:7:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:O	2:X:7:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:O	2:X:7:DA:P	6	1.52
(1,8)	1:A:18:PRO:O	2:X:8:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:8:DT:C2	6	1.52
(1,8)	1:A:18:PRO:O	2:X:8:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:8:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:8:DT:C4	6	1.52
(1,8)	1:A:18:PRO:O	2:X:8:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:8:DT:C5	6	1.52
(1,8)	1:A:18:PRO:O	2:X:8:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:8:DT:C6	6	1.52
(1,8)	1:A:18:PRO:O	2:X:8:DT:C7	6	1.52
(1,8)	1:A:18:PRO:O	2:X:8:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:8:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:8:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:O	2:X:8:DT:H3	6	1.52
(1,8)	1:A:18:PRO:O	2:X:8:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:8:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:8:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:8:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:O	2:X:8:DT:H6	6	1.52
(1,8)	1:A:18:PRO:O	2:X:8:DT:H71	6	1.52
(1,8)	1:A:18:PRO:O	2:X:8:DT:H72	6	1.52
(1,8)	1:A:18:PRO:O	2:X:8:DT:H73	6	1.52
(1,8)	1:A:18:PRO:O	2:X:8:DT:N1	6	1.52
(1,8)	1:A:18:PRO:O	2:X:8:DT:N3	6	1.52
(1,8)	1:A:18:PRO:O	2:X:8:DT:O2	6	1.52
(1,8)	1:A:18:PRO:O	2:X:8:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:8:DT:O4	6	1.52
(1,8)	1:A:18:PRO:O	2:X:8:DT:O4'	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:O	2:X:8:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:8:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:O	2:X:8:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:O	2:X:8:DT:P	6	1.52
(1,8)	1:A:18:PRO:O	2:X:9:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:9:DA:C2	6	1.52
(1,8)	1:A:18:PRO:O	2:X:9:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:9:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:9:DA:C4	6	1.52
(1,8)	1:A:18:PRO:O	2:X:9:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:9:DA:C5	6	1.52
(1,8)	1:A:18:PRO:O	2:X:9:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:9:DA:C6	6	1.52
(1,8)	1:A:18:PRO:O	2:X:9:DA:C8	6	1.52
(1,8)	1:A:18:PRO:O	2:X:9:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:9:DA:H2	6	1.52
(1,8)	1:A:18:PRO:O	2:X:9:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:9:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:O	2:X:9:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:9:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:9:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:9:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:O	2:X:9:DA:H61	6	1.52
(1,8)	1:A:18:PRO:O	2:X:9:DA:H62	6	1.52
(1,8)	1:A:18:PRO:O	2:X:9:DA:H8	6	1.52
(1,8)	1:A:18:PRO:O	2:X:9:DA:N1	6	1.52
(1,8)	1:A:18:PRO:O	2:X:9:DA:N3	6	1.52
(1,8)	1:A:18:PRO:O	2:X:9:DA:N6	6	1.52
(1,8)	1:A:18:PRO:O	2:X:9:DA:N7	6	1.52
(1,8)	1:A:18:PRO:O	2:X:9:DA:N9	6	1.52
(1,8)	1:A:18:PRO:O	2:X:9:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:9:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:9:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:9:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:O	2:X:9:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:O	2:X:9:DA:P	6	1.52
(1,8)	1:A:18:PRO:O	2:X:10:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:10:DT:C2	6	1.52
(1,8)	1:A:18:PRO:O	2:X:10:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:10:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:10:DT:C4	6	1.52
(1,8)	1:A:18:PRO:O	2:X:10:DT:C4'	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:O	2:X:10:DT:C5	6	1.52
(1,8)	1:A:18:PRO:O	2:X:10:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:10:DT:C6	6	1.52
(1,8)	1:A:18:PRO:O	2:X:10:DT:C7	6	1.52
(1,8)	1:A:18:PRO:O	2:X:10:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:10:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:10:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:O	2:X:10:DT:H3	6	1.52
(1,8)	1:A:18:PRO:O	2:X:10:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:10:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:10:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:10:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:O	2:X:10:DT:H6	6	1.52
(1,8)	1:A:18:PRO:O	2:X:10:DT:H71	6	1.52
(1,8)	1:A:18:PRO:O	2:X:10:DT:H72	6	1.52
(1,8)	1:A:18:PRO:O	2:X:10:DT:H73	6	1.52
(1,8)	1:A:18:PRO:O	2:X:10:DT:N1	6	1.52
(1,8)	1:A:18:PRO:O	2:X:10:DT:N3	6	1.52
(1,8)	1:A:18:PRO:O	2:X:10:DT:O2	6	1.52
(1,8)	1:A:18:PRO:O	2:X:10:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:10:DT:O4	6	1.52
(1,8)	1:A:18:PRO:O	2:X:10:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:10:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:10:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:O	2:X:10:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:O	2:X:10:DT:P	6	1.52
(1,8)	1:A:18:PRO:O	2:X:11:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:11:DA:C2	6	1.52
(1,8)	1:A:18:PRO:O	2:X:11:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:11:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:11:DA:C4	6	1.52
(1,8)	1:A:18:PRO:O	2:X:11:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:11:DA:C5	6	1.52
(1,8)	1:A:18:PRO:O	2:X:11:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:11:DA:C6	6	1.52
(1,8)	1:A:18:PRO:O	2:X:11:DA:C8	6	1.52
(1,8)	1:A:18:PRO:O	2:X:11:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:11:DA:H2	6	1.52
(1,8)	1:A:18:PRO:O	2:X:11:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:11:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:O	2:X:11:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:11:DA:H4'	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:O	2:X:11:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:11:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:O	2:X:11:DA:H61	6	1.52
(1,8)	1:A:18:PRO:O	2:X:11:DA:H62	6	1.52
(1,8)	1:A:18:PRO:O	2:X:11:DA:H8	6	1.52
(1,8)	1:A:18:PRO:O	2:X:11:DA:N1	6	1.52
(1,8)	1:A:18:PRO:O	2:X:11:DA:N3	6	1.52
(1,8)	1:A:18:PRO:O	2:X:11:DA:N6	6	1.52
(1,8)	1:A:18:PRO:O	2:X:11:DA:N7	6	1.52
(1,8)	1:A:18:PRO:O	2:X:11:DA:N9	6	1.52
(1,8)	1:A:18:PRO:O	2:X:11:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:11:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:11:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:11:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:O	2:X:11:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:O	2:X:11:DA:P	6	1.52
(1,8)	1:A:18:PRO:O	2:X:12:DG:C1'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:12:DG:C2	6	1.52
(1,8)	1:A:18:PRO:O	2:X:12:DG:C2'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:12:DG:C3'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:12:DG:C4	6	1.52
(1,8)	1:A:18:PRO:O	2:X:12:DG:C4'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:12:DG:C5	6	1.52
(1,8)	1:A:18:PRO:O	2:X:12:DG:C5'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:12:DG:C6	6	1.52
(1,8)	1:A:18:PRO:O	2:X:12:DG:C8	6	1.52
(1,8)	1:A:18:PRO:O	2:X:12:DG:H1	6	1.52
(1,8)	1:A:18:PRO:O	2:X:12:DG:H1'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:12:DG:H2'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:12:DG:H2''	6	1.52
(1,8)	1:A:18:PRO:O	2:X:12:DG:H21	6	1.52
(1,8)	1:A:18:PRO:O	2:X:12:DG:H22	6	1.52
(1,8)	1:A:18:PRO:O	2:X:12:DG:H3'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:12:DG:H4'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:12:DG:H5'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:12:DG:H5''	6	1.52
(1,8)	1:A:18:PRO:O	2:X:12:DG:H8	6	1.52
(1,8)	1:A:18:PRO:O	2:X:12:DG:N1	6	1.52
(1,8)	1:A:18:PRO:O	2:X:12:DG:N2	6	1.52
(1,8)	1:A:18:PRO:O	2:X:12:DG:N3	6	1.52
(1,8)	1:A:18:PRO:O	2:X:12:DG:N7	6	1.52
(1,8)	1:A:18:PRO:O	2:X:12:DG:N9	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:O	2:X:12:DG:O3'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:12:DG:O4'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:12:DG:O5'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:12:DG:O6	6	1.52
(1,8)	1:A:18:PRO:O	2:X:12:DG:OP1	6	1.52
(1,8)	1:A:18:PRO:O	2:X:12:DG:OP2	6	1.52
(1,8)	1:A:18:PRO:O	2:X:12:DG:P	6	1.52
(1,8)	1:A:18:PRO:O	2:X:13:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:13:DT:C2	6	1.52
(1,8)	1:A:18:PRO:O	2:X:13:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:13:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:13:DT:C4	6	1.52
(1,8)	1:A:18:PRO:O	2:X:13:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:13:DT:C5	6	1.52
(1,8)	1:A:18:PRO:O	2:X:13:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:13:DT:C6	6	1.52
(1,8)	1:A:18:PRO:O	2:X:13:DT:C7	6	1.52
(1,8)	1:A:18:PRO:O	2:X:13:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:13:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:13:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:O	2:X:13:DT:H3	6	1.52
(1,8)	1:A:18:PRO:O	2:X:13:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:13:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:13:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:13:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:O	2:X:13:DT:H6	6	1.52
(1,8)	1:A:18:PRO:O	2:X:13:DT:H71	6	1.52
(1,8)	1:A:18:PRO:O	2:X:13:DT:H72	6	1.52
(1,8)	1:A:18:PRO:O	2:X:13:DT:H73	6	1.52
(1,8)	1:A:18:PRO:O	2:X:13:DT:N1	6	1.52
(1,8)	1:A:18:PRO:O	2:X:13:DT:N3	6	1.52
(1,8)	1:A:18:PRO:O	2:X:13:DT:O2	6	1.52
(1,8)	1:A:18:PRO:O	2:X:13:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:13:DT:O4	6	1.52
(1,8)	1:A:18:PRO:O	2:X:13:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:13:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:O	2:X:13:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:O	2:X:13:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:O	2:X:13:DT:P	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:3:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:3:DA:C2	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:3:DA:C2'	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:O	3:Y:3:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:3:DA:C4	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:3:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:3:DA:C5	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:3:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:3:DA:C6	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:3:DA:C8	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:3:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:3:DA:H2	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:3:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:3:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:3:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:3:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:3:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:3:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:3:DA:H61	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:3:DA:H62	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:3:DA:H8	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:3:DA:N1	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:3:DA:N3	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:3:DA:N6	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:3:DA:N7	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:3:DA:N9	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:3:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:3:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:3:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:3:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:3:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:3:DA:P	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:4:DC:C1'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:4:DC:C2	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:4:DC:C2'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:4:DC:C3'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:4:DC:C4	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:4:DC:C4'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:4:DC:C5	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:4:DC:C5'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:4:DC:C6	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:4:DC:H1'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:4:DC:H2'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:4:DC:H2''	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:4:DC:H3'	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:O	3:Y:4:DC:H4'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:4:DC:H41	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:4:DC:H42	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:4:DC:H5	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:4:DC:H5'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:4:DC:H5''	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:4:DC:H6	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:4:DC:N1	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:4:DC:N3	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:4:DC:N4	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:4:DC:O2	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:4:DC:O3'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:4:DC:O4'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:4:DC:O5'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:4:DC:OP1	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:4:DC:OP2	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:4:DC:P	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:5:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:5:DT:C2	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:5:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:5:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:5:DT:C4	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:5:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:5:DT:C5	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:5:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:5:DT:C6	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:5:DT:C7	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:5:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:5:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:5:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:5:DT:H3	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:5:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:5:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:5:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:5:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:5:DT:H6	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:5:DT:H71	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:5:DT:H72	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:5:DT:H73	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:5:DT:N1	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:5:DT:N3	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:5:DT:O2	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:O	3:Y:5:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:5:DT:O4	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:5:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:5:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:5:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:5:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:5:DT:P	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:6:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:6:DA:C2	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:6:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:6:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:6:DA:C4	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:6:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:6:DA:C5	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:6:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:6:DA:C6	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:6:DA:C8	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:6:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:6:DA:H2	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:6:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:6:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:6:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:6:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:6:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:6:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:6:DA:H61	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:6:DA:H62	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:6:DA:H8	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:6:DA:N1	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:6:DA:N3	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:6:DA:N6	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:6:DA:N7	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:6:DA:N9	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:6:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:6:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:6:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:6:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:6:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:6:DA:P	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:7:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:7:DT:C2	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:7:DT:C2'	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:O	3:Y:7:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:7:DT:C4	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:7:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:7:DT:C5	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:7:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:7:DT:C6	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:7:DT:C7	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:7:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:7:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:7:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:7:DT:H3	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:7:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:7:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:7:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:7:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:7:DT:H6	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:7:DT:H71	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:7:DT:H72	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:7:DT:H73	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:7:DT:N1	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:7:DT:N3	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:7:DT:O2	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:7:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:7:DT:O4	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:7:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:7:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:7:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:7:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:7:DT:P	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:8:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:8:DA:C2	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:8:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:8:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:8:DA:C4	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:8:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:8:DA:C5	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:8:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:8:DA:C6	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:8:DA:C8	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:8:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:8:DA:H2	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:8:DA:H2'	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:O	3:Y:8:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:8:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:8:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:8:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:8:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:8:DA:H61	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:8:DA:H62	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:8:DA:H8	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:8:DA:N1	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:8:DA:N3	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:8:DA:N6	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:8:DA:N7	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:8:DA:N9	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:8:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:8:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:8:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:8:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:8:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:8:DA:P	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:9:DT:C1'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:9:DT:C2	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:9:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:9:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:9:DT:C4	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:9:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:9:DT:C5	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:9:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:9:DT:C6	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:9:DT:C7	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:9:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:9:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:9:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:9:DT:H3	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:9:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:9:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:9:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:9:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:9:DT:H6	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:9:DT:H71	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:9:DT:H72	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:9:DT:H73	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:9:DT:N1	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:O	3:Y:9:DT:N3	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:9:DT:O2	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:9:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:9:DT:O4	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:9:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:9:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:9:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:9:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:9:DT:P	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:10:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:10:DA:C2	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:10:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:10:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:10:DA:C4	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:10:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:10:DA:C5	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:10:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:10:DA:C6	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:10:DA:C8	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:10:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:10:DA:H2	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:10:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:10:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:10:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:10:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:10:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:10:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:10:DA:H61	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:10:DA:H62	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:10:DA:H8	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:10:DA:N1	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:10:DA:N3	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:10:DA:N6	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:10:DA:N7	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:10:DA:N9	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:10:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:10:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:10:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:10:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:10:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:10:DA:P	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:11:DT:C1'	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:O	3:Y:11:DT:C2	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:11:DT:C2'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:11:DT:C3'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:11:DT:C4	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:11:DT:C4'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:11:DT:C5	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:11:DT:C5'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:11:DT:C6	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:11:DT:C7	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:11:DT:H1'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:11:DT:H2'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:11:DT:H2''	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:11:DT:H3	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:11:DT:H3'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:11:DT:H4'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:11:DT:H5'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:11:DT:H5''	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:11:DT:H6	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:11:DT:H71	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:11:DT:H72	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:11:DT:H73	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:11:DT:N1	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:11:DT:N3	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:11:DT:O2	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:11:DT:O3'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:11:DT:O4	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:11:DT:O4'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:11:DT:O5'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:11:DT:OP1	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:11:DT:OP2	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:11:DT:P	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:12:DC:C1'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:12:DC:C2	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:12:DC:C2'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:12:DC:C3'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:12:DC:C4	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:12:DC:C4'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:12:DC:C5	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:12:DC:C5'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:12:DC:C6	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:12:DC:H1'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:12:DC:H2'	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:O	3:Y:12:DC:H2''	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:12:DC:H3'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:12:DC:H4'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:12:DC:H41	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:12:DC:H42	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:12:DC:H5	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:12:DC:H5'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:12:DC:H5''	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:12:DC:H6	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:12:DC:N1	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:12:DC:N3	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:12:DC:N4	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:12:DC:O2	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:12:DC:O3'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:12:DC:O4'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:12:DC:O5'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:12:DC:OP1	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:12:DC:OP2	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:12:DC:P	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:13:DA:C1'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:13:DA:C2	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:13:DA:C2'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:13:DA:C3'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:13:DA:C4	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:13:DA:C4'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:13:DA:C5	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:13:DA:C5'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:13:DA:C6	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:13:DA:C8	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:13:DA:H1'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:13:DA:H2	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:13:DA:H2'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:13:DA:H2''	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:13:DA:H3'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:13:DA:H4'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:13:DA:H5'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:13:DA:H5''	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:13:DA:H61	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:13:DA:H62	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:13:DA:H8	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:13:DA:N1	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:13:DA:N3	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:18:PRO:O	3:Y:13:DA:N6	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:13:DA:N7	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:13:DA:N9	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:13:DA:O3'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:13:DA:O4'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:13:DA:O5'	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:13:DA:OP1	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:13:DA:OP2	6	1.52
(1,8)	1:A:18:PRO:O	3:Y:13:DA:P	6	1.52
(1,27)	2:X:11:DA:C1'	1:A:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:C1'	1:A:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:C1'	1:A:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:C1'	1:A:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:C1'	1:A:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:C1'	1:A:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:C1'	1:A:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:C1'	1:A:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:C1'	1:A:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:C1'	1:A:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:C1'	1:A:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:C1'	1:A:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:C1'	1:A:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:C1'	1:A:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:C1'	1:A:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:C1'	1:A:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:C1'	1:A:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:C1'	1:A:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:C1'	1:A:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:C1'	1:A:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:C1'	1:A:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:C1'	1:A:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:C1'	1:A:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:C1'	1:A:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:C1'	1:A:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:C1'	1:A:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:C1'	1:A:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:C1'	1:A:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:C1'	1:A:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:C1'	1:A:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:C1'	1:A:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:C1'	1:A:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:C1'	1:A:8:ARG:HE	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C1 ³	1:A:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:C1 ³	1:A:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:C1 ³	1:A:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:C1 ³	1:A:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:C1 ³	1:A:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:C1 ³	1:A:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:C1 ³	1:A:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:C1 ³	1:A:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:C1 ³	1:A:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:C1 ³	1:A:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:C1 ³	1:A:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:C1 ³	1:A:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:C1 ³	1:A:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:C1 ³	1:A:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:C1 ³	1:A:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:C1 ³	1:A:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:C1 ³	1:A:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:C1 ³	1:A:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:C1 ³	1:A:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:C1 ³	1:A:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:C1 ³	1:A:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:C1 ³	1:A:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:C1 ³	1:A:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:C1 ³	1:A:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:C1 ³	1:A:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:C1 ³	1:A:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:C1 ³	1:A:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:C1 ³	1:A:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:C1 ³	1:A:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:C1 ³	1:A:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:C1 ³	1:A:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:C1 ³	1:A:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:C1 ³	1:A:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:C1 ³	1:A:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:C1 ³	1:A:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:C1 ³	1:A:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:C1 ³	1:A:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:C1 ³	1:A:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:C1 ³	1:A:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:C1 ³	1:A:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:C1 ³	1:A:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:C1 ³	1:A:12:SER:C	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C1 [?]	1:A:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:A:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:A:12:SER:H	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:A:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:A:12:SER:N	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:A:12:SER:O	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:A:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:A:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:A:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:A:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:A:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:A:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:A:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:A:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:A:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:A:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:A:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:A:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:A:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:A:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:A:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:A:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:A:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:A:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:A:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:A:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:A:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:A:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:A:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:A:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:A:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:A:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:A:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:A:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:A:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:A:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:A:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:A:20:THR:C	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:A:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:A:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:A:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:A:20:THR:H	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C1 [?]	1:A:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:A:20:THR:N	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:A:20:THR:O	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:A:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:8:ARG:N	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C1 [?]	1:B:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:12:SER:C	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:12:SER:H	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:12:SER:N	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C1 [?]	1:B:12:SER:O	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:20:THR:C	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:20:THR:H	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:20:THR:N	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:20:THR:O	6	1.52
(1,27)	2:X:11:DA:C1 [?]	1:B:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:C2	1:A:3:HIS:C	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C2	1:A:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:C2	1:A:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:C2	1:A:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:C2	1:A:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:C2	1:A:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:C2	1:A:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:C2	1:A:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:C2	1:A:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:C2	1:A:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:C2	1:A:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:C2	1:A:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:C2	1:A:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:C2	1:A:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:C2	1:A:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:C2	1:A:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:C2	1:A:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:C2	1:A:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:C2	1:A:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:C2	1:A:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:C2	1:A:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:C2	1:A:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:C2	1:A:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:C2	1:A:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:C2	1:A:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:C2	1:A:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:C2	1:A:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:C2	1:A:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:C2	1:A:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:C2	1:A:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:C2	1:A:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:C2	1:A:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:C2	1:A:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:C2	1:A:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:C2	1:A:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:C2	1:A:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:C2	1:A:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:C2	1:A:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:C2	1:A:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:C2	1:A:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:C2	1:A:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:C2	1:A:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:C2	1:A:9:TRP:C	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C2	1:A:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:C2	1:A:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:C2	1:A:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:C2	1:A:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:C2	1:A:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:C2	1:A:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:C2	1:A:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:C2	1:A:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:C2	1:A:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:C2	1:A:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:C2	1:A:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:C2	1:A:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:C2	1:A:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:C2	1:A:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:C2	1:A:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:C2	1:A:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:C2	1:A:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:C2	1:A:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:C2	1:A:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:C2	1:A:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:C2	1:A:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:C2	1:A:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:C2	1:A:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:C2	1:A:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:C2	1:A:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:C2	1:A:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:C2	1:A:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:C2	1:A:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:C2	1:A:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:C2	1:A:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:C2	1:A:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:C2	1:A:12:SER:C	6	1.52
(1,27)	2:X:11:DA:C2	1:A:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:C2	1:A:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:C2	1:A:12:SER:H	6	1.52
(1,27)	2:X:11:DA:C2	1:A:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:C2	1:A:12:SER:N	6	1.52
(1,27)	2:X:11:DA:C2	1:A:12:SER:O	6	1.52
(1,27)	2:X:11:DA:C2	1:A:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:C2	1:A:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:C2	1:A:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:C2	1:A:16:ARG:CB	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C2	1:A:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:C2	1:A:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:C2	1:A:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:C2	1:A:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:C2	1:A:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:C2	1:A:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:C2	1:A:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:C2	1:A:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:C2	1:A:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:C2	1:A:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:C2	1:A:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:C2	1:A:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:C2	1:A:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:C2	1:A:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:C2	1:A:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:C2	1:A:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:C2	1:A:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:C2	1:A:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:C2	1:A:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:C2	1:A:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:C2	1:A:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:C2	1:A:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:C2	1:A:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:C2	1:A:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:C2	1:A:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:C2	1:A:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:C2	1:A:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:C2	1:A:20:THR:C	6	1.52
(1,27)	2:X:11:DA:C2	1:A:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:C2	1:A:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:C2	1:A:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:C2	1:A:20:THR:H	6	1.52
(1,27)	2:X:11:DA:C2	1:A:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:C2	1:A:20:THR:N	6	1.52
(1,27)	2:X:11:DA:C2	1:A:20:THR:O	6	1.52
(1,27)	2:X:11:DA:C2	1:A:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:C2	1:B:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:C2	1:B:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:C2	1:B:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:C2	1:B:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:C2	1:B:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:C2	1:B:3:HIS:CG	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C2	1:B:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:C2	1:B:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:C2	1:B:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:C2	1:B:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:C2	1:B:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:C2	1:B:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:C2	1:B:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:C2	1:B:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:C2	1:B:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:C2	1:B:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:C2	1:B:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:C2	1:B:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:C2	1:B:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:C2	1:B:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:C2	1:B:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:C2	1:B:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:C2	1:B:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:C2	1:B:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:C2	1:B:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:C2	1:B:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:C2	1:B:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:C2	1:B:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:C2	1:B:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:C2	1:B:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:C2	1:B:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:C2	1:B:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:C2	1:B:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:C2	1:B:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:C2	1:B:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:C2	1:B:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:C2	1:B:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:C2	1:B:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:C2	1:B:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:C2	1:B:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:C2	1:B:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:C2	1:B:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:C2	1:B:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:C2	1:B:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:C2	1:B:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:C2	1:B:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:C2	1:B:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:C2	1:B:9:TRP:CE2	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C2	1:B:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:C2	1:B:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:C2	1:B:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:C2	1:B:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:C2	1:B:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:C2	1:B:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:C2	1:B:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:C2	1:B:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:C2	1:B:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:C2	1:B:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:C2	1:B:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:C2	1:B:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:C2	1:B:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:C2	1:B:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:C2	1:B:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:C2	1:B:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:C2	1:B:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:C2	1:B:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:C2	1:B:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:C2	1:B:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:C2	1:B:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:C2	1:B:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:C2	1:B:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:C2	1:B:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:C2	1:B:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:C2	1:B:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:C2	1:B:12:SER:C	6	1.52
(1,27)	2:X:11:DA:C2	1:B:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:C2	1:B:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:C2	1:B:12:SER:H	6	1.52
(1,27)	2:X:11:DA:C2	1:B:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:C2	1:B:12:SER:N	6	1.52
(1,27)	2:X:11:DA:C2	1:B:12:SER:O	6	1.52
(1,27)	2:X:11:DA:C2	1:B:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:C2	1:B:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:C2	1:B:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:C2	1:B:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:C2	1:B:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:C2	1:B:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:C2	1:B:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:C2	1:B:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:C2	1:B:16:ARG:HE	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C2	1:B:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:C2	1:B:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:C2	1:B:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:C2	1:B:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:C2	1:B:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:C2	1:B:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:C2	1:B:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:C2	1:B:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:C2	1:B:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:C2	1:B:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:C2	1:B:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:C2	1:B:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:C2	1:B:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:C2	1:B:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:C2	1:B:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:C2	1:B:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:C2	1:B:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:C2	1:B:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:C2	1:B:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:C2	1:B:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:C2	1:B:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:C2	1:B:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:C2	1:B:20:THR:C	6	1.52
(1,27)	2:X:11:DA:C2	1:B:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:C2	1:B:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:C2	1:B:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:C2	1:B:20:THR:H	6	1.52
(1,27)	2:X:11:DA:C2	1:B:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:C2	1:B:20:THR:N	6	1.52
(1,27)	2:X:11:DA:C2	1:B:20:THR:O	6	1.52
(1,27)	2:X:11:DA:C2	1:B:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:C2 [?]	1:A:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:C2 [?]	1:A:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:C2 [?]	1:A:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:C2 [?]	1:A:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:C2 [?]	1:A:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:C2 [?]	1:A:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:C2 [?]	1:A:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:C2 [?]	1:A:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:C2 [?]	1:A:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:C2 [?]	1:A:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:C2 [?]	1:A:3:HIS:NE2	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C2'	1:A:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:9:TRP:CZ3	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C2'	1:A:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:12:SER:C	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:12:SER:H	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:12:SER:N	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:12:SER:O	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:N	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:20:THR:C	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:20:THR:H	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:20:THR:N	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:20:THR:O	6	1.52
(1,27)	2:X:11:DA:C2'	1:A:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:7:LYS:CD	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C2'	1:B:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:9:TRP:O	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C2'	1:B:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:12:SER:C	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:12:SER:H	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:12:SER:N	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:12:SER:O	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:18:PRO:C	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C2'	1:B:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:20:THR:C	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:20:THR:H	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:20:THR:N	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:20:THR:O	6	1.52
(1,27)	2:X:11:DA:C2'	1:B:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:C3'	1:A:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:C3'	1:A:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:C3'	1:A:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:C3'	1:A:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:C3'	1:A:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:C3'	1:A:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:C3'	1:A:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:C3'	1:A:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:C3'	1:A:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:C3'	1:A:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:C3'	1:A:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:C3'	1:A:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:C3'	1:A:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:C3'	1:A:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:C3'	1:A:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:C3'	1:A:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:C3'	1:A:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:C3'	1:A:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:C3'	1:A:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:C3'	1:A:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:C3'	1:A:7:LYS:HZ2	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C3 ³	1:A:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:10:GLY:O	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C3 ³	1:A:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:12:SER:C	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:12:SER:H	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:12:SER:N	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:12:SER:O	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:C3 ³	1:A:18:PRO:N	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C3'	1:A:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:C3'	1:A:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:C3'	1:A:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:C3'	1:A:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:C3'	1:A:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:C3'	1:A:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:C3'	1:A:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:C3'	1:A:20:THR:C	6	1.52
(1,27)	2:X:11:DA:C3'	1:A:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:C3'	1:A:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:C3'	1:A:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:C3'	1:A:20:THR:H	6	1.52
(1,27)	2:X:11:DA:C3'	1:A:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:C3'	1:A:20:THR:N	6	1.52
(1,27)	2:X:11:DA:C3'	1:A:20:THR:O	6	1.52
(1,27)	2:X:11:DA:C3'	1:A:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:8:ARG:C	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C3'	1:B:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:11:ASN:H	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C3'	1:B:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:12:SER:C	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:12:SER:H	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:12:SER:N	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:12:SER:O	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:19:ALA:H	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C3'	1:B:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:20:THR:C	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:20:THR:H	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:20:THR:N	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:20:THR:O	6	1.52
(1,27)	2:X:11:DA:C3'	1:B:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:C4	1:A:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:C4	1:A:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:C4	1:A:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:C4	1:A:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:C4	1:A:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:C4	1:A:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:C4	1:A:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:C4	1:A:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:C4	1:A:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:C4	1:A:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:C4	1:A:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:C4	1:A:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:C4	1:A:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:C4	1:A:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:C4	1:A:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:C4	1:A:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:C4	1:A:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:C4	1:A:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:C4	1:A:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:C4	1:A:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:C4	1:A:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:C4	1:A:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:C4	1:A:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:C4	1:A:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:C4	1:A:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:C4	1:A:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:C4	1:A:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:C4	1:A:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:C4	1:A:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:C4	1:A:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:C4	1:A:8:ARG:CZ	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C4	1:A:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:C4	1:A:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:C4	1:A:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:C4	1:A:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:C4	1:A:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:C4	1:A:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:C4	1:A:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:C4	1:A:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:C4	1:A:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:C4	1:A:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:C4	1:A:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:C4	1:A:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:C4	1:A:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:C4	1:A:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:C4	1:A:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:C4	1:A:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:C4	1:A:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:C4	1:A:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:C4	1:A:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:C4	1:A:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:C4	1:A:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:C4	1:A:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:C4	1:A:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:C4	1:A:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:C4	1:A:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:C4	1:A:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:C4	1:A:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:C4	1:A:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:C4	1:A:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:C4	1:A:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:C4	1:A:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:C4	1:A:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:C4	1:A:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:C4	1:A:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:C4	1:A:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:C4	1:A:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:C4	1:A:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:C4	1:A:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:C4	1:A:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:C4	1:A:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:C4	1:A:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:C4	1:A:11:ASN:O	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C4	1:A:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:C4	1:A:12:SER:C	6	1.52
(1,27)	2:X:11:DA:C4	1:A:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:C4	1:A:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:C4	1:A:12:SER:H	6	1.52
(1,27)	2:X:11:DA:C4	1:A:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:C4	1:A:12:SER:N	6	1.52
(1,27)	2:X:11:DA:C4	1:A:12:SER:O	6	1.52
(1,27)	2:X:11:DA:C4	1:A:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:C4	1:A:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:C4	1:A:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:C4	1:A:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:C4	1:A:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:C4	1:A:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:C4	1:A:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:C4	1:A:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:C4	1:A:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:C4	1:A:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:C4	1:A:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:C4	1:A:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:C4	1:A:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:C4	1:A:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:C4	1:A:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:C4	1:A:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:C4	1:A:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:C4	1:A:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:C4	1:A:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:C4	1:A:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:C4	1:A:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:C4	1:A:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:C4	1:A:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:C4	1:A:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:C4	1:A:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:C4	1:A:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:C4	1:A:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:C4	1:A:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:C4	1:A:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:C4	1:A:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:C4	1:A:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:C4	1:A:20:THR:C	6	1.52
(1,27)	2:X:11:DA:C4	1:A:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:C4	1:A:20:THR:CB	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C4	1:A:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:C4	1:A:20:THR:H	6	1.52
(1,27)	2:X:11:DA:C4	1:A:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:C4	1:A:20:THR:N	6	1.52
(1,27)	2:X:11:DA:C4	1:A:20:THR:O	6	1.52
(1,27)	2:X:11:DA:C4	1:A:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:C4	1:B:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:C4	1:B:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:C4	1:B:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:C4	1:B:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:C4	1:B:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:C4	1:B:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:C4	1:B:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:C4	1:B:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:C4	1:B:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:C4	1:B:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:C4	1:B:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:C4	1:B:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:C4	1:B:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:C4	1:B:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:C4	1:B:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:C4	1:B:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:C4	1:B:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:C4	1:B:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:C4	1:B:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:C4	1:B:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:C4	1:B:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:C4	1:B:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:C4	1:B:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:C4	1:B:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:C4	1:B:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:C4	1:B:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:C4	1:B:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:C4	1:B:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:C4	1:B:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:C4	1:B:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:C4	1:B:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:C4	1:B:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:C4	1:B:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:C4	1:B:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:C4	1:B:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:C4	1:B:8:ARG:HH21	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C4	1:B:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:C4	1:B:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:C4	1:B:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:C4	1:B:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:C4	1:B:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:C4	1:B:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:C4	1:B:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:C4	1:B:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:C4	1:B:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:C4	1:B:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:C4	1:B:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:C4	1:B:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:C4	1:B:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:C4	1:B:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:C4	1:B:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:C4	1:B:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:C4	1:B:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:C4	1:B:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:C4	1:B:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:C4	1:B:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:C4	1:B:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:C4	1:B:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:C4	1:B:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:C4	1:B:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:C4	1:B:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:C4	1:B:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:C4	1:B:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:C4	1:B:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:C4	1:B:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:C4	1:B:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:C4	1:B:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:C4	1:B:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:C4	1:B:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:C4	1:B:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:C4	1:B:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:C4	1:B:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:C4	1:B:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:C4	1:B:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:C4	1:B:12:SER:C	6	1.52
(1,27)	2:X:11:DA:C4	1:B:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:C4	1:B:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:C4	1:B:12:SER:H	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C4	1:B:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:C4	1:B:12:SER:N	6	1.52
(1,27)	2:X:11:DA:C4	1:B:12:SER:O	6	1.52
(1,27)	2:X:11:DA:C4	1:B:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:C4	1:B:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:C4	1:B:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:C4	1:B:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:C4	1:B:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:C4	1:B:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:C4	1:B:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:C4	1:B:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:C4	1:B:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:C4	1:B:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:C4	1:B:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:C4	1:B:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:C4	1:B:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:C4	1:B:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:C4	1:B:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:C4	1:B:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:C4	1:B:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:C4	1:B:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:C4	1:B:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:C4	1:B:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:C4	1:B:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:C4	1:B:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:C4	1:B:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:C4	1:B:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:C4	1:B:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:C4	1:B:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:C4	1:B:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:C4	1:B:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:C4	1:B:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:C4	1:B:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:C4	1:B:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:C4	1:B:20:THR:C	6	1.52
(1,27)	2:X:11:DA:C4	1:B:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:C4	1:B:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:C4	1:B:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:C4	1:B:20:THR:H	6	1.52
(1,27)	2:X:11:DA:C4	1:B:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:C4	1:B:20:THR:N	6	1.52
(1,27)	2:X:11:DA:C4	1:B:20:THR:O	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C4	1:B:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:C4 [?]	1:A:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:C4 [?]	1:A:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:C4 [?]	1:A:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:C4 [?]	1:A:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:C4 [?]	1:A:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:C4 [?]	1:A:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:C4 [?]	1:A:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:C4 [?]	1:A:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:C4 [?]	1:A:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:C4 [?]	1:A:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:C4 [?]	1:A:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:C4 [?]	1:A:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:C4 [?]	1:A:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:C4 [?]	1:A:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:C4 [?]	1:A:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:C4 [?]	1:A:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:C4 [?]	1:A:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:C4 [?]	1:A:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:C4 [?]	1:A:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:C4 [?]	1:A:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:C4 [?]	1:A:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:C4 [?]	1:A:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:C4 [?]	1:A:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:C4 [?]	1:A:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:C4 [?]	1:A:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:C4 [?]	1:A:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:C4 [?]	1:A:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:C4 [?]	1:A:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:C4 [?]	1:A:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:C4 [?]	1:A:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:C4 [?]	1:A:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:C4 [?]	1:A:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:C4 [?]	1:A:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:C4 [?]	1:A:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:C4 [?]	1:A:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:C4 [?]	1:A:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:C4 [?]	1:A:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:C4 [?]	1:A:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:C4 [?]	1:A:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:C4 [?]	1:A:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:C4 [?]	1:A:8:ARG:NH2	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C4'	1:A:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:12:SER:C	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:12:SER:H	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:12:SER:N	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:12:SER:O	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:C	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:20:THR:C	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:20:THR:H	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:20:THR:N	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:20:THR:O	6	1.52
(1,27)	2:X:11:DA:C4'	1:A:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:3:HIS:CD2	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C4'	1:B:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:9:TRP:CD1	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C4'	1:B:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:12:SER:C	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:12:SER:H	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:12:SER:N	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:12:SER:O	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:CZ	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:20:THR:C	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:20:THR:H	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:20:THR:N	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:20:THR:O	6	1.52
(1,27)	2:X:11:DA:C4'	1:B:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:C5	1:A:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:C5	1:A:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:C5	1:A:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:C5	1:A:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:C5	1:A:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:C5	1:A:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:C5	1:A:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:C5	1:A:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:C5	1:A:3:HIS:N	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C5	1:A:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:C5	1:A:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:C5	1:A:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:C5	1:A:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:C5	1:A:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:C5	1:A:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:C5	1:A:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:C5	1:A:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:C5	1:A:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:C5	1:A:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:C5	1:A:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:C5	1:A:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:C5	1:A:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:C5	1:A:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:C5	1:A:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:C5	1:A:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:C5	1:A:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:C5	1:A:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:C5	1:A:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:C5	1:A:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:C5	1:A:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:C5	1:A:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:C5	1:A:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:C5	1:A:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:C5	1:A:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:C5	1:A:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:C5	1:A:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:C5	1:A:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:C5	1:A:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:C5	1:A:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:C5	1:A:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:C5	1:A:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:C5	1:A:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:C5	1:A:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:C5	1:A:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:C5	1:A:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:C5	1:A:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:C5	1:A:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:C5	1:A:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:C5	1:A:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:C5	1:A:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:C5	1:A:9:TRP:CH2	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C5	1:A:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:C5	1:A:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:C5	1:A:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:C5	1:A:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:C5	1:A:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:C5	1:A:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:C5	1:A:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:C5	1:A:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:C5	1:A:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:C5	1:A:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:C5	1:A:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:C5	1:A:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:C5	1:A:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:C5	1:A:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:C5	1:A:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:C5	1:A:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:C5	1:A:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:C5	1:A:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:C5	1:A:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:C5	1:A:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:C5	1:A:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:C5	1:A:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:C5	1:A:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:C5	1:A:12:SER:C	6	1.52
(1,27)	2:X:11:DA:C5	1:A:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:C5	1:A:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:C5	1:A:12:SER:H	6	1.52
(1,27)	2:X:11:DA:C5	1:A:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:C5	1:A:12:SER:N	6	1.52
(1,27)	2:X:11:DA:C5	1:A:12:SER:O	6	1.52
(1,27)	2:X:11:DA:C5	1:A:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:C5	1:A:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:C5	1:A:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:C5	1:A:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:C5	1:A:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:C5	1:A:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:C5	1:A:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:C5	1:A:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:C5	1:A:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:C5	1:A:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:C5	1:A:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:C5	1:A:16:ARG:HH21	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C5	1:A:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:C5	1:A:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:C5	1:A:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:C5	1:A:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:C5	1:A:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:C5	1:A:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:C5	1:A:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:C5	1:A:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:C5	1:A:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:C5	1:A:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:C5	1:A:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:C5	1:A:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:C5	1:A:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:C5	1:A:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:C5	1:A:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:C5	1:A:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:C5	1:A:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:C5	1:A:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:C5	1:A:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:C5	1:A:20:THR:C	6	1.52
(1,27)	2:X:11:DA:C5	1:A:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:C5	1:A:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:C5	1:A:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:C5	1:A:20:THR:H	6	1.52
(1,27)	2:X:11:DA:C5	1:A:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:C5	1:A:20:THR:N	6	1.52
(1,27)	2:X:11:DA:C5	1:A:20:THR:O	6	1.52
(1,27)	2:X:11:DA:C5	1:A:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:C5	1:B:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:C5	1:B:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:C5	1:B:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:C5	1:B:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:C5	1:B:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:C5	1:B:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:C5	1:B:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:C5	1:B:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:C5	1:B:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:C5	1:B:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:C5	1:B:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:C5	1:B:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:C5	1:B:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:C5	1:B:7:LYS:CA	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C5	1:B:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:C5	1:B:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:C5	1:B:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:C5	1:B:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:C5	1:B:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:C5	1:B:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:C5	1:B:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:C5	1:B:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:C5	1:B:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:C5	1:B:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:C5	1:B:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:C5	1:B:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:C5	1:B:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:C5	1:B:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:C5	1:B:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:C5	1:B:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:C5	1:B:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:C5	1:B:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:C5	1:B:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:C5	1:B:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:C5	1:B:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:C5	1:B:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:C5	1:B:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:C5	1:B:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:C5	1:B:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:C5	1:B:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:C5	1:B:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:C5	1:B:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:C5	1:B:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:C5	1:B:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:C5	1:B:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:C5	1:B:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:C5	1:B:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:C5	1:B:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:C5	1:B:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:C5	1:B:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:C5	1:B:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:C5	1:B:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:C5	1:B:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:C5	1:B:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:C5	1:B:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:C5	1:B:9:TRP:N	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C5	1:B:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:C5	1:B:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:C5	1:B:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:C5	1:B:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:C5	1:B:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:C5	1:B:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:C5	1:B:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:C5	1:B:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:C5	1:B:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:C5	1:B:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:C5	1:B:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:C5	1:B:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:C5	1:B:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:C5	1:B:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:C5	1:B:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:C5	1:B:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:C5	1:B:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:C5	1:B:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:C5	1:B:12:SER:C	6	1.52
(1,27)	2:X:11:DA:C5	1:B:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:C5	1:B:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:C5	1:B:12:SER:H	6	1.52
(1,27)	2:X:11:DA:C5	1:B:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:C5	1:B:12:SER:N	6	1.52
(1,27)	2:X:11:DA:C5	1:B:12:SER:O	6	1.52
(1,27)	2:X:11:DA:C5	1:B:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:C5	1:B:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:C5	1:B:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:C5	1:B:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:C5	1:B:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:C5	1:B:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:C5	1:B:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:C5	1:B:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:C5	1:B:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:C5	1:B:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:C5	1:B:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:C5	1:B:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:C5	1:B:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:C5	1:B:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:C5	1:B:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:C5	1:B:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:C5	1:B:16:ARG:NH2	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C5	1:B:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:C5	1:B:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:C5	1:B:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:C5	1:B:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:C5	1:B:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:C5	1:B:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:C5	1:B:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:C5	1:B:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:C5	1:B:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:C5	1:B:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:C5	1:B:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:C5	1:B:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:C5	1:B:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:C5	1:B:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:C5	1:B:20:THR:C	6	1.52
(1,27)	2:X:11:DA:C5	1:B:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:C5	1:B:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:C5	1:B:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:C5	1:B:20:THR:H	6	1.52
(1,27)	2:X:11:DA:C5	1:B:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:C5	1:B:20:THR:N	6	1.52
(1,27)	2:X:11:DA:C5	1:B:20:THR:O	6	1.52
(1,27)	2:X:11:DA:C5	1:B:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:C5 [?]	1:A:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:C5 [?]	1:A:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:C5 [?]	1:A:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:C5 [?]	1:A:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:C5 [?]	1:A:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:C5 [?]	1:A:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:C5 [?]	1:A:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:C5 [?]	1:A:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:C5 [?]	1:A:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:C5 [?]	1:A:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:C5 [?]	1:A:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:C5 [?]	1:A:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:C5 [?]	1:A:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:C5 [?]	1:A:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:C5 [?]	1:A:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:C5 [?]	1:A:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:C5 [?]	1:A:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:C5 [?]	1:A:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:C5 [?]	1:A:7:LYS:H	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C5 ^γ	1:A:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:A:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:A:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:A:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:A:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:A:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:A:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:A:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:A:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:A:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:A:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:A:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:A:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:A:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:A:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:A:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:A:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:A:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:A:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:A:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:A:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:A:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:A:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:A:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:A:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:A:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:A:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:A:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:A:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:A:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:A:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:A:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:A:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:A:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:A:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:A:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:A:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:A:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:A:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:A:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:A:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:A:10:GLY:H	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C5'	1:A:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:12:SER:C	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:12:SER:H	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:12:SER:N	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:12:SER:O	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:18:PRO:CD	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C5'	1:A:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:20:THR:C	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:20:THR:H	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:20:THR:N	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:20:THR:O	6	1.52
(1,27)	2:X:11:DA:C5'	1:A:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:C5'	1:B:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:C5'	1:B:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:C5'	1:B:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:C5'	1:B:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:C5'	1:B:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:C5'	1:B:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:C5'	1:B:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:C5'	1:B:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:C5'	1:B:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:C5'	1:B:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:C5'	1:B:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:C5'	1:B:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:C5'	1:B:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:C5'	1:B:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:C5'	1:B:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:C5'	1:B:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:C5'	1:B:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:C5'	1:B:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:C5'	1:B:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:C5'	1:B:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:C5'	1:B:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:C5'	1:B:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:C5'	1:B:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:C5'	1:B:7:LYS:NZ	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C5 ^γ	1:B:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:11:ASN:CB	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C5 ^γ	1:B:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:12:SER:C	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:12:SER:H	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:12:SER:N	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:12:SER:O	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:C5 ^γ	1:B:19:ALA:CA	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C5'	1:B:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:C5'	1:B:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:C5'	1:B:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:C5'	1:B:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:C5'	1:B:20:THR:C	6	1.52
(1,27)	2:X:11:DA:C5'	1:B:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:C5'	1:B:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:C5'	1:B:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:C5'	1:B:20:THR:H	6	1.52
(1,27)	2:X:11:DA:C5'	1:B:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:C5'	1:B:20:THR:N	6	1.52
(1,27)	2:X:11:DA:C5'	1:B:20:THR:O	6	1.52
(1,27)	2:X:11:DA:C5'	1:B:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:C6	1:A:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:C6	1:A:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:C6	1:A:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:C6	1:A:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:C6	1:A:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:C6	1:A:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:C6	1:A:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:C6	1:A:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:C6	1:A:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:C6	1:A:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:C6	1:A:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:C6	1:A:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:C6	1:A:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:C6	1:A:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:C6	1:A:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:C6	1:A:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:C6	1:A:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:C6	1:A:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:C6	1:A:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:C6	1:A:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:C6	1:A:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:C6	1:A:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:C6	1:A:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:C6	1:A:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:C6	1:A:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:C6	1:A:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:C6	1:A:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:C6	1:A:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:C6	1:A:8:ARG:CD	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C6	1:A:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:C6	1:A:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:C6	1:A:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:C6	1:A:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:C6	1:A:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:C6	1:A:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:C6	1:A:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:C6	1:A:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:C6	1:A:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:C6	1:A:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:C6	1:A:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:C6	1:A:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:C6	1:A:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:C6	1:A:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:C6	1:A:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:C6	1:A:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:C6	1:A:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:C6	1:A:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:C6	1:A:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:C6	1:A:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:C6	1:A:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:C6	1:A:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:C6	1:A:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:C6	1:A:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:C6	1:A:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:C6	1:A:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:C6	1:A:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:C6	1:A:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:C6	1:A:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:C6	1:A:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:C6	1:A:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:C6	1:A:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:C6	1:A:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:C6	1:A:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:C6	1:A:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:C6	1:A:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:C6	1:A:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:C6	1:A:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:C6	1:A:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:C6	1:A:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:C6	1:A:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:C6	1:A:11:ASN:N	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C6	1:A:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:C6	1:A:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:C6	1:A:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:C6	1:A:12:SER:C	6	1.52
(1,27)	2:X:11:DA:C6	1:A:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:C6	1:A:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:C6	1:A:12:SER:H	6	1.52
(1,27)	2:X:11:DA:C6	1:A:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:C6	1:A:12:SER:N	6	1.52
(1,27)	2:X:11:DA:C6	1:A:12:SER:O	6	1.52
(1,27)	2:X:11:DA:C6	1:A:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:C6	1:A:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:C6	1:A:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:C6	1:A:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:C6	1:A:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:C6	1:A:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:C6	1:A:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:C6	1:A:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:C6	1:A:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:C6	1:A:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:C6	1:A:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:C6	1:A:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:C6	1:A:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:C6	1:A:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:C6	1:A:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:C6	1:A:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:C6	1:A:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:C6	1:A:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:C6	1:A:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:C6	1:A:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:C6	1:A:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:C6	1:A:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:C6	1:A:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:C6	1:A:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:C6	1:A:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:C6	1:A:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:C6	1:A:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:C6	1:A:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:C6	1:A:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:C6	1:A:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:C6	1:A:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:C6	1:A:20:THR:C	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C6	1:A:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:C6	1:A:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:C6	1:A:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:C6	1:A:20:THR:H	6	1.52
(1,27)	2:X:11:DA:C6	1:A:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:C6	1:A:20:THR:N	6	1.52
(1,27)	2:X:11:DA:C6	1:A:20:THR:O	6	1.52
(1,27)	2:X:11:DA:C6	1:A:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:C6	1:B:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:C6	1:B:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:C6	1:B:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:C6	1:B:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:C6	1:B:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:C6	1:B:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:C6	1:B:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:C6	1:B:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:C6	1:B:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:C6	1:B:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:C6	1:B:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:C6	1:B:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:C6	1:B:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:C6	1:B:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:C6	1:B:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:C6	1:B:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:C6	1:B:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:C6	1:B:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:C6	1:B:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:C6	1:B:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:C6	1:B:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:C6	1:B:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:C6	1:B:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:C6	1:B:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:C6	1:B:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:C6	1:B:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:C6	1:B:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:C6	1:B:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:C6	1:B:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:C6	1:B:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:C6	1:B:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:C6	1:B:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:C6	1:B:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:C6	1:B:8:ARG:HH11	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C6	1:B:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:C6	1:B:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:C6	1:B:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:C6	1:B:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:C6	1:B:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:C6	1:B:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:C6	1:B:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:C6	1:B:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:C6	1:B:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:C6	1:B:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:C6	1:B:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:C6	1:B:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:C6	1:B:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:C6	1:B:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:C6	1:B:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:C6	1:B:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:C6	1:B:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:C6	1:B:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:C6	1:B:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:C6	1:B:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:C6	1:B:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:C6	1:B:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:C6	1:B:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:C6	1:B:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:C6	1:B:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:C6	1:B:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:C6	1:B:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:C6	1:B:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:C6	1:B:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:C6	1:B:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:C6	1:B:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:C6	1:B:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:C6	1:B:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:C6	1:B:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:C6	1:B:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:C6	1:B:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:C6	1:B:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:C6	1:B:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:C6	1:B:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:C6	1:B:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:C6	1:B:12:SER:C	6	1.52
(1,27)	2:X:11:DA:C6	1:B:12:SER:CA	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C6	1:B:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:C6	1:B:12:SER:H	6	1.52
(1,27)	2:X:11:DA:C6	1:B:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:C6	1:B:12:SER:N	6	1.52
(1,27)	2:X:11:DA:C6	1:B:12:SER:O	6	1.52
(1,27)	2:X:11:DA:C6	1:B:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:C6	1:B:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:C6	1:B:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:C6	1:B:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:C6	1:B:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:C6	1:B:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:C6	1:B:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:C6	1:B:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:C6	1:B:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:C6	1:B:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:C6	1:B:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:C6	1:B:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:C6	1:B:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:C6	1:B:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:C6	1:B:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:C6	1:B:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:C6	1:B:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:C6	1:B:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:C6	1:B:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:C6	1:B:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:C6	1:B:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:C6	1:B:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:C6	1:B:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:C6	1:B:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:C6	1:B:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:C6	1:B:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:C6	1:B:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:C6	1:B:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:C6	1:B:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:C6	1:B:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:C6	1:B:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:C6	1:B:20:THR:C	6	1.52
(1,27)	2:X:11:DA:C6	1:B:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:C6	1:B:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:C6	1:B:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:C6	1:B:20:THR:H	6	1.52
(1,27)	2:X:11:DA:C6	1:B:20:THR:HG1	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C6	1:B:20:THR:N	6	1.52
(1,27)	2:X:11:DA:C6	1:B:20:THR:O	6	1.52
(1,27)	2:X:11:DA:C6	1:B:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:C8	1:A:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:C8	1:A:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:C8	1:A:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:C8	1:A:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:C8	1:A:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:C8	1:A:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:C8	1:A:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:C8	1:A:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:C8	1:A:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:C8	1:A:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:C8	1:A:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:C8	1:A:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:C8	1:A:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:C8	1:A:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:C8	1:A:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:C8	1:A:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:C8	1:A:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:C8	1:A:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:C8	1:A:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:C8	1:A:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:C8	1:A:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:C8	1:A:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:C8	1:A:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:C8	1:A:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:C8	1:A:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:C8	1:A:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:C8	1:A:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:C8	1:A:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:C8	1:A:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:C8	1:A:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:C8	1:A:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:C8	1:A:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:C8	1:A:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:C8	1:A:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:C8	1:A:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:C8	1:A:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:C8	1:A:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:C8	1:A:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:C8	1:A:8:ARG:NE	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C8	1:A:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:C8	1:A:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:C8	1:A:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:C8	1:A:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:C8	1:A:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:C8	1:A:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:C8	1:A:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:C8	1:A:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:C8	1:A:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:C8	1:A:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:C8	1:A:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:C8	1:A:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:C8	1:A:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:C8	1:A:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:C8	1:A:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:C8	1:A:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:C8	1:A:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:C8	1:A:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:C8	1:A:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:C8	1:A:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:C8	1:A:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:C8	1:A:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:C8	1:A:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:C8	1:A:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:C8	1:A:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:C8	1:A:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:C8	1:A:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:C8	1:A:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:C8	1:A:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:C8	1:A:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:C8	1:A:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:C8	1:A:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:C8	1:A:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:C8	1:A:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:C8	1:A:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:C8	1:A:12:SER:C	6	1.52
(1,27)	2:X:11:DA:C8	1:A:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:C8	1:A:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:C8	1:A:12:SER:H	6	1.52
(1,27)	2:X:11:DA:C8	1:A:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:C8	1:A:12:SER:N	6	1.52
(1,27)	2:X:11:DA:C8	1:A:12:SER:O	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C8	1:A:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:C8	1:A:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:C8	1:A:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:C8	1:A:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:C8	1:A:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:C8	1:A:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:C8	1:A:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:C8	1:A:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:C8	1:A:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:C8	1:A:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:C8	1:A:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:C8	1:A:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:C8	1:A:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:C8	1:A:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:C8	1:A:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:C8	1:A:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:C8	1:A:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:C8	1:A:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:C8	1:A:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:C8	1:A:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:C8	1:A:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:C8	1:A:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:C8	1:A:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:C8	1:A:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:C8	1:A:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:C8	1:A:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:C8	1:A:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:C8	1:A:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:C8	1:A:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:C8	1:A:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:C8	1:A:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:C8	1:A:20:THR:C	6	1.52
(1,27)	2:X:11:DA:C8	1:A:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:C8	1:A:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:C8	1:A:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:C8	1:A:20:THR:H	6	1.52
(1,27)	2:X:11:DA:C8	1:A:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:C8	1:A:20:THR:N	6	1.52
(1,27)	2:X:11:DA:C8	1:A:20:THR:O	6	1.52
(1,27)	2:X:11:DA:C8	1:A:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:C8	1:B:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:C8	1:B:3:HIS:CA	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C8	1:B:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:C8	1:B:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:C8	1:B:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:C8	1:B:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:C8	1:B:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:C8	1:B:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:C8	1:B:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:C8	1:B:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:C8	1:B:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:C8	1:B:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:C8	1:B:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:C8	1:B:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:C8	1:B:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:C8	1:B:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:C8	1:B:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:C8	1:B:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:C8	1:B:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:C8	1:B:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:C8	1:B:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:C8	1:B:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:C8	1:B:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:C8	1:B:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:C8	1:B:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:C8	1:B:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:C8	1:B:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:C8	1:B:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:C8	1:B:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:C8	1:B:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:C8	1:B:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:C8	1:B:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:C8	1:B:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:C8	1:B:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:C8	1:B:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:C8	1:B:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:C8	1:B:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:C8	1:B:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:C8	1:B:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:C8	1:B:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:C8	1:B:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:C8	1:B:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:C8	1:B:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:C8	1:B:9:TRP:CA	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C8	1:B:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:C8	1:B:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:C8	1:B:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:C8	1:B:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:C8	1:B:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:C8	1:B:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:C8	1:B:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:C8	1:B:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:C8	1:B:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:C8	1:B:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:C8	1:B:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:C8	1:B:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:C8	1:B:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:C8	1:B:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:C8	1:B:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:C8	1:B:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:C8	1:B:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:C8	1:B:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:C8	1:B:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:C8	1:B:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:C8	1:B:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:C8	1:B:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:C8	1:B:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:C8	1:B:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:C8	1:B:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:C8	1:B:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:C8	1:B:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:C8	1:B:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:C8	1:B:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:C8	1:B:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:C8	1:B:12:SER:C	6	1.52
(1,27)	2:X:11:DA:C8	1:B:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:C8	1:B:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:C8	1:B:12:SER:H	6	1.52
(1,27)	2:X:11:DA:C8	1:B:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:C8	1:B:12:SER:N	6	1.52
(1,27)	2:X:11:DA:C8	1:B:12:SER:O	6	1.52
(1,27)	2:X:11:DA:C8	1:B:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:C8	1:B:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:C8	1:B:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:C8	1:B:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:C8	1:B:16:ARG:CD	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C8	1:B:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:C8	1:B:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:C8	1:B:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:C8	1:B:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:C8	1:B:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:C8	1:B:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:C8	1:B:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:C8	1:B:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:C8	1:B:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:C8	1:B:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:C8	1:B:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:C8	1:B:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:C8	1:B:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:C8	1:B:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:C8	1:B:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:C8	1:B:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:C8	1:B:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:C8	1:B:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:C8	1:B:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:C8	1:B:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:C8	1:B:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:C8	1:B:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:C8	1:B:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:C8	1:B:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:C8	1:B:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:C8	1:B:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:C8	1:B:20:THR:C	6	1.52
(1,27)	2:X:11:DA:C8	1:B:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:C8	1:B:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:C8	1:B:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:C8	1:B:20:THR:H	6	1.52
(1,27)	2:X:11:DA:C8	1:B:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:C8	1:B:20:THR:N	6	1.52
(1,27)	2:X:11:DA:C8	1:B:20:THR:O	6	1.52
(1,27)	2:X:11:DA:C8	1:B:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:3:HIS:H	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H1 [?]	1:A:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:9:TRP:CE3	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H1 [?]	1:A:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:12:SER:C	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:12:SER:H	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:12:SER:N	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:12:SER:O	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:HH11	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:20:THR:C	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:20:THR:H	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:20:THR:N	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:20:THR:O	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:A:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:3:HIS:O	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H1 [?]	1:B:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:9:TRP:H	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H1 [?]	1:B:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:12:SER:C	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:12:SER:H	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:12:SER:N	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:12:SER:O	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:NE	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:20:THR:C	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:20:THR:H	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:20:THR:N	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:20:THR:O	6	1.52
(1,27)	2:X:11:DA:H1 [?]	1:B:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:H2	1:A:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:H2	1:A:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:H2	1:A:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:H2	1:A:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:H2	1:A:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:H2	1:A:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:H2	1:A:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:H2	1:A:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:H2	1:A:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:H2	1:A:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:H2	1:A:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:H2	1:A:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:H2	1:A:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:H2	1:A:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:H2	1:A:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:H2	1:A:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:H2	1:A:7:LYS:CE	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H2	1:A:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:H2	1:A:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:H2	1:A:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:H2	1:A:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:H2	1:A:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:H2	1:A:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:H2	1:A:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:H2	1:A:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:H2	1:A:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:H2	1:A:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:H2	1:A:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:H2	1:A:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:H2	1:A:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:H2	1:A:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:H2	1:A:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:H2	1:A:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:H2	1:A:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:H2	1:A:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:H2	1:A:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:H2	1:A:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:H2	1:A:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:H2	1:A:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:H2	1:A:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:H2	1:A:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:H2	1:A:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:H2	1:A:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:H2	1:A:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:H2	1:A:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:H2	1:A:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:H2	1:A:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:H2	1:A:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:H2	1:A:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:H2	1:A:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:H2	1:A:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:H2	1:A:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:H2	1:A:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:H2	1:A:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:H2	1:A:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:H2	1:A:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:H2	1:A:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:H2	1:A:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:H2	1:A:10:GLY:C	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H2	1:A:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:H2	1:A:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:H2	1:A:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:H2	1:A:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:H2	1:A:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:H2	1:A:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:H2	1:A:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:H2	1:A:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:H2	1:A:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:H2	1:A:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:H2	1:A:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:H2	1:A:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:H2	1:A:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:H2	1:A:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:H2	1:A:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:H2	1:A:12:SER:C	6	1.52
(1,27)	2:X:11:DA:H2	1:A:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:H2	1:A:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:H2	1:A:12:SER:H	6	1.52
(1,27)	2:X:11:DA:H2	1:A:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:H2	1:A:12:SER:N	6	1.52
(1,27)	2:X:11:DA:H2	1:A:12:SER:O	6	1.52
(1,27)	2:X:11:DA:H2	1:A:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:H2	1:A:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:H2	1:A:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:H2	1:A:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:H2	1:A:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:H2	1:A:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:H2	1:A:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:H2	1:A:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:H2	1:A:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:H2	1:A:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:H2	1:A:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:H2	1:A:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:H2	1:A:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:H2	1:A:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:H2	1:A:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:H2	1:A:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:H2	1:A:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:H2	1:A:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:H2	1:A:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:H2	1:A:18:PRO:CA	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H2	1:A:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:H2	1:A:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:H2	1:A:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:H2	1:A:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:H2	1:A:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:H2	1:A:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:H2	1:A:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:H2	1:A:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:H2	1:A:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:H2	1:A:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:H2	1:A:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:H2	1:A:20:THR:C	6	1.52
(1,27)	2:X:11:DA:H2	1:A:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:H2	1:A:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:H2	1:A:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:H2	1:A:20:THR:H	6	1.52
(1,27)	2:X:11:DA:H2	1:A:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:H2	1:A:20:THR:N	6	1.52
(1,27)	2:X:11:DA:H2	1:A:20:THR:O	6	1.52
(1,27)	2:X:11:DA:H2	1:A:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:H2	1:B:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:H2	1:B:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:H2	1:B:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:H2	1:B:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:H2	1:B:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:H2	1:B:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:H2	1:B:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:H2	1:B:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:H2	1:B:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:H2	1:B:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:H2	1:B:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:H2	1:B:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:H2	1:B:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:H2	1:B:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:H2	1:B:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:H2	1:B:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:H2	1:B:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:H2	1:B:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:H2	1:B:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:H2	1:B:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:H2	1:B:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:H2	1:B:7:LYS:HZ3	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H2	1:B:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:H2	1:B:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:H2	1:B:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:H2	1:B:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:H2	1:B:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:H2	1:B:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:H2	1:B:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:H2	1:B:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:H2	1:B:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:H2	1:B:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:H2	1:B:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:H2	1:B:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:H2	1:B:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:H2	1:B:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:H2	1:B:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:H2	1:B:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:H2	1:B:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:H2	1:B:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:H2	1:B:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:H2	1:B:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:H2	1:B:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:H2	1:B:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:H2	1:B:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:H2	1:B:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:H2	1:B:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:H2	1:B:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:H2	1:B:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:H2	1:B:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:H2	1:B:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:H2	1:B:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:H2	1:B:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:H2	1:B:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:H2	1:B:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:H2	1:B:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:H2	1:B:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:H2	1:B:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:H2	1:B:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:H2	1:B:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:H2	1:B:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:H2	1:B:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:H2	1:B:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:H2	1:B:11:ASN:C	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H2	1:B:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:H2	1:B:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:H2	1:B:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:H2	1:B:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:H2	1:B:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:H2	1:B:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:H2	1:B:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:H2	1:B:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:H2	1:B:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:H2	1:B:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:H2	1:B:12:SER:C	6	1.52
(1,27)	2:X:11:DA:H2	1:B:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:H2	1:B:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:H2	1:B:12:SER:H	6	1.52
(1,27)	2:X:11:DA:H2	1:B:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:H2	1:B:12:SER:N	6	1.52
(1,27)	2:X:11:DA:H2	1:B:12:SER:O	6	1.52
(1,27)	2:X:11:DA:H2	1:B:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:H2	1:B:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:H2	1:B:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:H2	1:B:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:H2	1:B:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:H2	1:B:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:H2	1:B:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:H2	1:B:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:H2	1:B:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:H2	1:B:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:H2	1:B:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:H2	1:B:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:H2	1:B:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:H2	1:B:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:H2	1:B:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:H2	1:B:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:H2	1:B:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:H2	1:B:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:H2	1:B:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:H2	1:B:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:H2	1:B:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:H2	1:B:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:H2	1:B:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:H2	1:B:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:H2	1:B:18:PRO:O	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H2	1:B:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:H2	1:B:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:H2	1:B:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:H2	1:B:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:H2	1:B:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:H2	1:B:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:H2	1:B:20:THR:C	6	1.52
(1,27)	2:X:11:DA:H2	1:B:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:H2	1:B:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:H2	1:B:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:H2	1:B:20:THR:H	6	1.52
(1,27)	2:X:11:DA:H2	1:B:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:H2	1:B:20:THR:N	6	1.52
(1,27)	2:X:11:DA:H2	1:B:20:THR:O	6	1.52
(1,27)	2:X:11:DA:H2	1:B:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:CA	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:11:ASN:HD21	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H2 [?]	1:A:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:12:SER:C	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:12:SER:H	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:12:SER:N	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:12:SER:O	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:19:ALA:N	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H2 [?]	1:A:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:20:THR:C	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:20:THR:H	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:20:THR:N	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:20:THR:O	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:A:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:H	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:11:ASN:OD1	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H2 [?]	1:B:12:SER:C	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:12:SER:H	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:12:SER:N	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:12:SER:O	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:20:THR:C	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:H2 [?]	1:B:20:THR:CG2	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H2''	1:B:20:THR:H	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:20:THR:N	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:20:THR:O	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:8:ARG:HH22	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H2''	1:A:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:12:SER:C	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:12:SER:H	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:12:SER:HG	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H2''	1:A:12:SER:N	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:12:SER:O	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:20:THR:C	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:20:THR:H	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:20:THR:N	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:20:THR:O	6	1.52
(1,27)	2:X:11:DA:H2''	1:A:20:THR:OG1	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H2''	1:B:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:8:ARG:O	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H2''	1:B:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:12:SER:C	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:12:SER:H	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:12:SER:N	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:12:SER:O	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:H2''	1:B:16:ARG:CA	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H2 ^o	1:B:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:H2 ^o	1:B:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:H2 ^o	1:B:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:H2 ^o	1:B:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:H2 ^o	1:B:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:H2 ^o	1:B:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:H2 ^o	1:B:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:H2 ^o	1:B:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:H2 ^o	1:B:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:H2 ^o	1:B:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:H2 ^o	1:B:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:H2 ^o	1:B:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:H2 ^o	1:B:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:H2 ^o	1:B:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:H2 ^o	1:B:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:H2 ^o	1:B:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:H2 ^o	1:B:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:H2 ^o	1:B:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:H2 ^o	1:B:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:H2 ^o	1:B:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:H2 ^o	1:B:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:H2 ^o	1:B:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:H2 ^o	1:B:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:H2 ^o	1:B:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:H2 ^o	1:B:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:H2 ^o	1:B:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:H2 ^o	1:B:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:H2 ^o	1:B:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:H2 ^o	1:B:20:THR:C	6	1.52
(1,27)	2:X:11:DA:H2 ^o	1:B:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:H2 ^o	1:B:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:H2 ^o	1:B:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:H2 ^o	1:B:20:THR:H	6	1.52
(1,27)	2:X:11:DA:H2 ^o	1:B:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:H2 ^o	1:B:20:THR:N	6	1.52
(1,27)	2:X:11:DA:H2 ^o	1:B:20:THR:O	6	1.52
(1,27)	2:X:11:DA:H2 ^o	1:B:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:H3 ^o	1:A:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:H3 ^o	1:A:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:H3 ^o	1:A:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:H3 ^o	1:A:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:H3 ^o	1:A:3:HIS:CE1	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H3 [?]	1:A:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:9:TRP:CD2	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H3 [?]	1:A:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:12:SER:C	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:12:SER:H	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:12:SER:N	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:12:SER:O	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:16:ARG:H	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H3 [?]	1:A:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:20:THR:C	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:20:THR:H	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:20:THR:N	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:20:THR:O	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:A:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:3:HIS:ND1	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H3 [?]	1:B:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:9:TRP:CZ2	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H3 [?]	1:B:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:12:SER:C	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:12:SER:H	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:12:SER:N	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:12:SER:O	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:16:ARG:HH22	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H3 [?]	1:B:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:20:THR:C	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:20:THR:H	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:20:THR:N	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:20:THR:O	6	1.52
(1,27)	2:X:11:DA:H3 [?]	1:B:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:7:LYS:CB	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H4 [?]	1:A:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:9:TRP:NE1	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H4 [?]	1:A:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:12:SER:C	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:12:SER:H	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:12:SER:N	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:12:SER:O	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:O	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H4 [?]	1:A:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:20:THR:C	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:20:THR:H	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:20:THR:N	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:20:THR:O	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:A:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:7:LYS:HZ1	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H4 [?]	1:B:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:10:GLY:N	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H4 [?]	1:B:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:12:SER:C	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:12:SER:H	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:12:SER:N	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:12:SER:O	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:18:PRO:CG	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H4 [?]	1:B:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:20:THR:C	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:20:THR:H	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:20:THR:N	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:20:THR:O	6	1.52
(1,27)	2:X:11:DA:H4 [?]	1:B:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:7:LYS:O	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H5 [?]	1:A:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:11:ASN:CG	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H5 ⁷	1:A:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:A:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:A:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:A:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:A:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:A:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:A:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:A:12:SER:C	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:A:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:A:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:A:12:SER:H	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:A:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:A:12:SER:N	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:A:12:SER:O	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:A:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:A:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:A:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:A:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:A:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:A:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:A:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:A:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:A:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:A:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:A:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:A:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:A:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:A:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:A:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:A:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:A:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:A:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:A:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:A:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:A:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:A:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:A:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:A:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:A:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:A:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:A:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:A:19:ALA:CB	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H5 [?]	1:A:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:20:THR:C	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:20:THR:H	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:20:THR:N	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:20:THR:O	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:A:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:8:ARG:CG	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H5 [?]	1:B:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:11:ASN:ND2	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H5 ⁷	1:B:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:B:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:B:12:SER:C	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:B:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:B:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:B:12:SER:H	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:B:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:B:12:SER:N	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:B:12:SER:O	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:B:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:B:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:B:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:B:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:B:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:B:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:B:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:B:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:B:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:B:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:B:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:B:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:B:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:B:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:B:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:B:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:B:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:B:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:B:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:B:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:B:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:B:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:B:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:B:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:B:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:B:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:B:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:B:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:B:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:B:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:B:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:B:20:THR:C	6	1.52
(1,27)	2:X:11:DA:H5 ⁷	1:B:20:THR:CA	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H5 [?]	1:B:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:20:THR:H	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:20:THR:N	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:20:THR:O	6	1.52
(1,27)	2:X:11:DA:H5 [?]	1:B:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:H5 ^{??}	1:A:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:H5 ^{??}	1:A:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:H5 ^{??}	1:A:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:H5 ^{??}	1:A:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:H5 ^{??}	1:A:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:H5 ^{??}	1:A:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:H5 ^{??}	1:A:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:H5 ^{??}	1:A:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:H5 ^{??}	1:A:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:H5 ^{??}	1:A:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:H5 ^{??}	1:A:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:H5 ^{??}	1:A:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:H5 ^{??}	1:A:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:H5 ^{??}	1:A:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:H5 ^{??}	1:A:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:H5 ^{??}	1:A:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:H5 ^{??}	1:A:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:H5 ^{??}	1:A:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:H5 ^{??}	1:A:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:H5 ^{??}	1:A:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:H5 ^{??}	1:A:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:H5 ^{??}	1:A:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:H5 ^{??}	1:A:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:H5 ^{??}	1:A:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:H5 ^{??}	1:A:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:H5 ^{??}	1:A:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:H5 ^{??}	1:A:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:H5 ^{??}	1:A:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:H5 ^{??}	1:A:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:H5 ^{??}	1:A:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:H5 ^{??}	1:A:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:H5 ^{??}	1:A:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:H5 ^{??}	1:A:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:H5 ^{??}	1:A:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:H5 ^{??}	1:A:8:ARG:HH12	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H5''	1:A:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:12:SER:C	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:12:SER:CB	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H5''	1:A:12:SER:H	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:12:SER:N	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:12:SER:O	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:20:THR:C	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:20:THR:H	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:20:THR:N	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H5''	1:A:20:THR:O	6	1.52
(1,27)	2:X:11:DA:H5''	1:A:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:NH1	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:12:SER:C	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:12:SER:H	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:12:SER:N	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:12:SER:O	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:12:SER:OG	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:20:THR:C	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:20:THR:H	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:20:THR:N	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:20:THR:O	6	1.52
(1,27)	2:X:11:DA:H5''	1:B:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:H61	1:A:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:H61	1:A:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:H61	1:A:3:HIS:CB	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H61	1:A:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:H61	1:A:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:H61	1:A:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:H61	1:A:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:H61	1:A:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:H61	1:A:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:H61	1:A:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:H61	1:A:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:H61	1:A:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:H61	1:A:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:H61	1:A:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:H61	1:A:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:H61	1:A:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:H61	1:A:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:H61	1:A:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:H61	1:A:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:H61	1:A:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:H61	1:A:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:H61	1:A:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:H61	1:A:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:H61	1:A:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:H61	1:A:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:H61	1:A:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:H61	1:A:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:H61	1:A:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:H61	1:A:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:H61	1:A:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:H61	1:A:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:H61	1:A:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:H61	1:A:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:H61	1:A:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:H61	1:A:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:H61	1:A:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:H61	1:A:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:H61	1:A:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:H61	1:A:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:H61	1:A:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:H61	1:A:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:H61	1:A:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:H61	1:A:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:H61	1:A:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:H61	1:A:9:TRP:CB	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H61	1:A:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:H61	1:A:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:H61	1:A:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:H61	1:A:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:H61	1:A:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:H61	1:A:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:H61	1:A:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:H61	1:A:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:H61	1:A:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:H61	1:A:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:H61	1:A:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:H61	1:A:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:H61	1:A:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:H61	1:A:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:H61	1:A:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:H61	1:A:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:H61	1:A:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:H61	1:A:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:H61	1:A:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:H61	1:A:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:H61	1:A:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:H61	1:A:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:H61	1:A:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:H61	1:A:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:H61	1:A:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:H61	1:A:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:H61	1:A:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:H61	1:A:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:H61	1:A:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:H61	1:A:12:SER:C	6	1.52
(1,27)	2:X:11:DA:H61	1:A:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:H61	1:A:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:H61	1:A:12:SER:H	6	1.52
(1,27)	2:X:11:DA:H61	1:A:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:H61	1:A:12:SER:N	6	1.52
(1,27)	2:X:11:DA:H61	1:A:12:SER:O	6	1.52
(1,27)	2:X:11:DA:H61	1:A:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:H61	1:A:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:H61	1:A:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:H61	1:A:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:H61	1:A:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:H61	1:A:16:ARG:CG	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H61	1:A:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:H61	1:A:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:H61	1:A:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:H61	1:A:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:H61	1:A:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:H61	1:A:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:H61	1:A:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:H61	1:A:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:H61	1:A:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:H61	1:A:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:H61	1:A:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:H61	1:A:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:H61	1:A:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:H61	1:A:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:H61	1:A:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:H61	1:A:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:H61	1:A:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:H61	1:A:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:H61	1:A:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:H61	1:A:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:H61	1:A:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:H61	1:A:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:H61	1:A:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:H61	1:A:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:H61	1:A:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:H61	1:A:20:THR:C	6	1.52
(1,27)	2:X:11:DA:H61	1:A:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:H61	1:A:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:H61	1:A:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:H61	1:A:20:THR:H	6	1.52
(1,27)	2:X:11:DA:H61	1:A:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:H61	1:A:20:THR:N	6	1.52
(1,27)	2:X:11:DA:H61	1:A:20:THR:O	6	1.52
(1,27)	2:X:11:DA:H61	1:A:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:H61	1:B:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:H61	1:B:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:H61	1:B:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:H61	1:B:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:H61	1:B:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:H61	1:B:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:H61	1:B:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:H61	1:B:3:HIS:HD1	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H61	1:B:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:H61	1:B:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:H61	1:B:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:H61	1:B:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:H61	1:B:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:H61	1:B:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:H61	1:B:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:H61	1:B:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:H61	1:B:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:H61	1:B:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:H61	1:B:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:H61	1:B:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:H61	1:B:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:H61	1:B:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:H61	1:B:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:H61	1:B:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:H61	1:B:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:H61	1:B:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:H61	1:B:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:H61	1:B:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:H61	1:B:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:H61	1:B:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:H61	1:B:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:H61	1:B:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:H61	1:B:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:H61	1:B:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:H61	1:B:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:H61	1:B:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:H61	1:B:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:H61	1:B:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:H61	1:B:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:H61	1:B:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:H61	1:B:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:H61	1:B:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:H61	1:B:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:H61	1:B:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:H61	1:B:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:H61	1:B:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:H61	1:B:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:H61	1:B:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:H61	1:B:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:H61	1:B:9:TRP:CG	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H61	1:B:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:H61	1:B:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:H61	1:B:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:H61	1:B:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:H61	1:B:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:H61	1:B:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:H61	1:B:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:H61	1:B:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:H61	1:B:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:H61	1:B:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:H61	1:B:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:H61	1:B:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:H61	1:B:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:H61	1:B:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:H61	1:B:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:H61	1:B:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:H61	1:B:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:H61	1:B:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:H61	1:B:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:H61	1:B:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:H61	1:B:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:H61	1:B:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:H61	1:B:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:H61	1:B:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:H61	1:B:12:SER:C	6	1.52
(1,27)	2:X:11:DA:H61	1:B:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:H61	1:B:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:H61	1:B:12:SER:H	6	1.52
(1,27)	2:X:11:DA:H61	1:B:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:H61	1:B:12:SER:N	6	1.52
(1,27)	2:X:11:DA:H61	1:B:12:SER:O	6	1.52
(1,27)	2:X:11:DA:H61	1:B:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:H61	1:B:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:H61	1:B:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:H61	1:B:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:H61	1:B:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:H61	1:B:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:H61	1:B:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:H61	1:B:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:H61	1:B:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:H61	1:B:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:H61	1:B:16:ARG:HH12	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H61	1:B:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:H61	1:B:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:H61	1:B:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:H61	1:B:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:H61	1:B:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:H61	1:B:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:H61	1:B:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:H61	1:B:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:H61	1:B:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:H61	1:B:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:H61	1:B:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:H61	1:B:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:H61	1:B:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:H61	1:B:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:H61	1:B:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:H61	1:B:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:H61	1:B:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:H61	1:B:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:H61	1:B:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:H61	1:B:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:H61	1:B:20:THR:C	6	1.52
(1,27)	2:X:11:DA:H61	1:B:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:H61	1:B:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:H61	1:B:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:H61	1:B:20:THR:H	6	1.52
(1,27)	2:X:11:DA:H61	1:B:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:H61	1:B:20:THR:N	6	1.52
(1,27)	2:X:11:DA:H61	1:B:20:THR:O	6	1.52
(1,27)	2:X:11:DA:H61	1:B:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:H62	1:A:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:H62	1:A:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:H62	1:A:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:H62	1:A:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:H62	1:A:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:H62	1:A:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:H62	1:A:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:H62	1:A:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:H62	1:A:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:H62	1:A:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:H62	1:A:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:H62	1:A:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:H62	1:A:7:LYS:C	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H62	1:A:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:H62	1:A:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:H62	1:A:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:H62	1:A:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:H62	1:A:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:H62	1:A:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:H62	1:A:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:H62	1:A:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:H62	1:A:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:H62	1:A:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:H62	1:A:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:H62	1:A:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:H62	1:A:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:H62	1:A:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:H62	1:A:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:H62	1:A:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:H62	1:A:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:H62	1:A:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:H62	1:A:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:H62	1:A:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:H62	1:A:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:H62	1:A:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:H62	1:A:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:H62	1:A:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:H62	1:A:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:H62	1:A:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:H62	1:A:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:H62	1:A:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:H62	1:A:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:H62	1:A:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:H62	1:A:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:H62	1:A:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:H62	1:A:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:H62	1:A:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:H62	1:A:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:H62	1:A:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:H62	1:A:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:H62	1:A:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:H62	1:A:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:H62	1:A:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:H62	1:A:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:H62	1:A:9:TRP:HE1	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H62	1:A:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:H62	1:A:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:H62	1:A:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:H62	1:A:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:H62	1:A:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:H62	1:A:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:H62	1:A:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:H62	1:A:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:H62	1:A:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:H62	1:A:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:H62	1:A:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:H62	1:A:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:H62	1:A:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:H62	1:A:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:H62	1:A:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:H62	1:A:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:H62	1:A:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:H62	1:A:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:H62	1:A:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:H62	1:A:12:SER:C	6	1.52
(1,27)	2:X:11:DA:H62	1:A:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:H62	1:A:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:H62	1:A:12:SER:H	6	1.52
(1,27)	2:X:11:DA:H62	1:A:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:H62	1:A:12:SER:N	6	1.52
(1,27)	2:X:11:DA:H62	1:A:12:SER:O	6	1.52
(1,27)	2:X:11:DA:H62	1:A:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:H62	1:A:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:H62	1:A:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:H62	1:A:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:H62	1:A:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:H62	1:A:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:H62	1:A:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:H62	1:A:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:H62	1:A:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:H62	1:A:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:H62	1:A:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:H62	1:A:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:H62	1:A:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:H62	1:A:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:H62	1:A:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:H62	1:A:16:ARG:NH1	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H62	1:A:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:H62	1:A:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:H62	1:A:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:H62	1:A:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:H62	1:A:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:H62	1:A:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:H62	1:A:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:H62	1:A:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:H62	1:A:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:H62	1:A:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:H62	1:A:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:H62	1:A:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:H62	1:A:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:H62	1:A:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:H62	1:A:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:H62	1:A:20:THR:C	6	1.52
(1,27)	2:X:11:DA:H62	1:A:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:H62	1:A:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:H62	1:A:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:H62	1:A:20:THR:H	6	1.52
(1,27)	2:X:11:DA:H62	1:A:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:H62	1:A:20:THR:N	6	1.52
(1,27)	2:X:11:DA:H62	1:A:20:THR:O	6	1.52
(1,27)	2:X:11:DA:H62	1:A:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:H62	1:B:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:H62	1:B:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:H62	1:B:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:H62	1:B:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:H62	1:B:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:H62	1:B:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:H62	1:B:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:H62	1:B:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:H62	1:B:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:H62	1:B:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:H62	1:B:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:H62	1:B:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:H62	1:B:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:H62	1:B:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:H62	1:B:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:H62	1:B:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:H62	1:B:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:H62	1:B:7:LYS:CG	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H62	1:B:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:H62	1:B:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:H62	1:B:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:H62	1:B:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:H62	1:B:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:H62	1:B:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:H62	1:B:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:H62	1:B:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:H62	1:B:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:H62	1:B:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:H62	1:B:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:H62	1:B:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:H62	1:B:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:H62	1:B:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:H62	1:B:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:H62	1:B:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:H62	1:B:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:H62	1:B:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:H62	1:B:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:H62	1:B:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:H62	1:B:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:H62	1:B:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:H62	1:B:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:H62	1:B:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:H62	1:B:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:H62	1:B:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:H62	1:B:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:H62	1:B:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:H62	1:B:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:H62	1:B:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:H62	1:B:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:H62	1:B:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:H62	1:B:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:H62	1:B:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:H62	1:B:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:H62	1:B:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:H62	1:B:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:H62	1:B:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:H62	1:B:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:H62	1:B:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:H62	1:B:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:H62	1:B:10:GLY:CA	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H62	1:B:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:H62	1:B:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:H62	1:B:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:H62	1:B:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:H62	1:B:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:H62	1:B:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:H62	1:B:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:H62	1:B:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:H62	1:B:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:H62	1:B:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:H62	1:B:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:H62	1:B:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:H62	1:B:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:H62	1:B:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:H62	1:B:12:SER:C	6	1.52
(1,27)	2:X:11:DA:H62	1:B:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:H62	1:B:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:H62	1:B:12:SER:H	6	1.52
(1,27)	2:X:11:DA:H62	1:B:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:H62	1:B:12:SER:N	6	1.52
(1,27)	2:X:11:DA:H62	1:B:12:SER:O	6	1.52
(1,27)	2:X:11:DA:H62	1:B:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:H62	1:B:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:H62	1:B:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:H62	1:B:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:H62	1:B:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:H62	1:B:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:H62	1:B:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:H62	1:B:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:H62	1:B:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:H62	1:B:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:H62	1:B:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:H62	1:B:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:H62	1:B:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:H62	1:B:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:H62	1:B:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:H62	1:B:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:H62	1:B:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:H62	1:B:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:H62	1:B:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:H62	1:B:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:H62	1:B:18:PRO:CB	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H62	1:B:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:H62	1:B:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:H62	1:B:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:H62	1:B:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:H62	1:B:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:H62	1:B:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:H62	1:B:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:H62	1:B:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:H62	1:B:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:H62	1:B:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:H62	1:B:20:THR:C	6	1.52
(1,27)	2:X:11:DA:H62	1:B:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:H62	1:B:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:H62	1:B:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:H62	1:B:20:THR:H	6	1.52
(1,27)	2:X:11:DA:H62	1:B:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:H62	1:B:20:THR:N	6	1.52
(1,27)	2:X:11:DA:H62	1:B:20:THR:O	6	1.52
(1,27)	2:X:11:DA:H62	1:B:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:H8	1:A:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:H8	1:A:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:H8	1:A:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:H8	1:A:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:H8	1:A:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:H8	1:A:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:H8	1:A:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:H8	1:A:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:H8	1:A:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:H8	1:A:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:H8	1:A:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:H8	1:A:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:H8	1:A:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:H8	1:A:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:H8	1:A:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:H8	1:A:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:H8	1:A:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:H8	1:A:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:H8	1:A:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:H8	1:A:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:H8	1:A:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:H8	1:A:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:H8	1:A:7:LYS:N	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H8	1:A:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:H8	1:A:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:H8	1:A:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:H8	1:A:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:H8	1:A:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:H8	1:A:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:H8	1:A:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:H8	1:A:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:H8	1:A:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:H8	1:A:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:H8	1:A:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:H8	1:A:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:H8	1:A:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:H8	1:A:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:H8	1:A:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:H8	1:A:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:H8	1:A:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:H8	1:A:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:H8	1:A:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:H8	1:A:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:H8	1:A:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:H8	1:A:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:H8	1:A:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:H8	1:A:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:H8	1:A:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:H8	1:A:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:H8	1:A:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:H8	1:A:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:H8	1:A:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:H8	1:A:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:H8	1:A:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:H8	1:A:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:H8	1:A:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:H8	1:A:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:H8	1:A:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:H8	1:A:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:H8	1:A:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:H8	1:A:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:H8	1:A:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:H8	1:A:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:H8	1:A:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:H8	1:A:11:ASN:CA	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H8	1:A:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:H8	1:A:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:H8	1:A:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:H8	1:A:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:H8	1:A:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:H8	1:A:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:H8	1:A:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:H8	1:A:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:H8	1:A:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:H8	1:A:12:SER:C	6	1.52
(1,27)	2:X:11:DA:H8	1:A:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:H8	1:A:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:H8	1:A:12:SER:H	6	1.52
(1,27)	2:X:11:DA:H8	1:A:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:H8	1:A:12:SER:N	6	1.52
(1,27)	2:X:11:DA:H8	1:A:12:SER:O	6	1.52
(1,27)	2:X:11:DA:H8	1:A:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:H8	1:A:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:H8	1:A:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:H8	1:A:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:H8	1:A:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:H8	1:A:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:H8	1:A:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:H8	1:A:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:H8	1:A:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:H8	1:A:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:H8	1:A:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:H8	1:A:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:H8	1:A:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:H8	1:A:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:H8	1:A:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:H8	1:A:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:H8	1:A:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:H8	1:A:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:H8	1:A:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:H8	1:A:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:H8	1:A:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:H8	1:A:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:H8	1:A:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:H8	1:A:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:H8	1:A:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:H8	1:A:19:ALA:C	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H8	1:A:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:H8	1:A:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:H8	1:A:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:H8	1:A:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:H8	1:A:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:H8	1:A:20:THR:C	6	1.52
(1,27)	2:X:11:DA:H8	1:A:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:H8	1:A:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:H8	1:A:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:H8	1:A:20:THR:H	6	1.52
(1,27)	2:X:11:DA:H8	1:A:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:H8	1:A:20:THR:N	6	1.52
(1,27)	2:X:11:DA:H8	1:A:20:THR:O	6	1.52
(1,27)	2:X:11:DA:H8	1:A:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:H8	1:B:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:H8	1:B:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:H8	1:B:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:H8	1:B:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:H8	1:B:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:H8	1:B:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:H8	1:B:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:H8	1:B:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:H8	1:B:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:H8	1:B:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:H8	1:B:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:H8	1:B:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:H8	1:B:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:H8	1:B:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:H8	1:B:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:H8	1:B:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:H8	1:B:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:H8	1:B:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:H8	1:B:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:H8	1:B:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:H8	1:B:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:H8	1:B:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:H8	1:B:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:H8	1:B:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:H8	1:B:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:H8	1:B:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:H8	1:B:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:H8	1:B:8:ARG:CB	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H8	1:B:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:H8	1:B:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:H8	1:B:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:H8	1:B:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:H8	1:B:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:H8	1:B:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:H8	1:B:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:H8	1:B:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:H8	1:B:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:H8	1:B:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:H8	1:B:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:H8	1:B:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:H8	1:B:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:H8	1:B:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:H8	1:B:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:H8	1:B:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:H8	1:B:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:H8	1:B:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:H8	1:B:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:H8	1:B:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:H8	1:B:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:H8	1:B:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:H8	1:B:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:H8	1:B:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:H8	1:B:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:H8	1:B:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:H8	1:B:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:H8	1:B:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:H8	1:B:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:H8	1:B:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:H8	1:B:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:H8	1:B:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:H8	1:B:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:H8	1:B:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:H8	1:B:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:H8	1:B:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:H8	1:B:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:H8	1:B:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:H8	1:B:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:H8	1:B:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:H8	1:B:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:H8	1:B:11:ASN:HD22	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H8	1:B:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:H8	1:B:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:H8	1:B:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:H8	1:B:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:H8	1:B:12:SER:C	6	1.52
(1,27)	2:X:11:DA:H8	1:B:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:H8	1:B:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:H8	1:B:12:SER:H	6	1.52
(1,27)	2:X:11:DA:H8	1:B:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:H8	1:B:12:SER:N	6	1.52
(1,27)	2:X:11:DA:H8	1:B:12:SER:O	6	1.52
(1,27)	2:X:11:DA:H8	1:B:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:H8	1:B:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:H8	1:B:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:H8	1:B:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:H8	1:B:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:H8	1:B:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:H8	1:B:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:H8	1:B:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:H8	1:B:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:H8	1:B:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:H8	1:B:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:H8	1:B:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:H8	1:B:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:H8	1:B:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:H8	1:B:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:H8	1:B:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:H8	1:B:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:H8	1:B:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:H8	1:B:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:H8	1:B:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:H8	1:B:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:H8	1:B:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:H8	1:B:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:H8	1:B:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:H8	1:B:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:H8	1:B:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:H8	1:B:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:H8	1:B:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:H8	1:B:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:H8	1:B:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:H8	1:B:19:ALA:O	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H8	1:B:20:THR:C	6	1.52
(1,27)	2:X:11:DA:H8	1:B:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:H8	1:B:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:H8	1:B:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:H8	1:B:20:THR:H	6	1.52
(1,27)	2:X:11:DA:H8	1:B:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:H8	1:B:20:THR:N	6	1.52
(1,27)	2:X:11:DA:H8	1:B:20:THR:O	6	1.52
(1,27)	2:X:11:DA:H8	1:B:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:N1	1:A:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:N1	1:A:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:N1	1:A:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:N1	1:A:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:N1	1:A:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:N1	1:A:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:N1	1:A:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:N1	1:A:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:N1	1:A:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:N1	1:A:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:N1	1:A:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:N1	1:A:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:N1	1:A:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:N1	1:A:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:N1	1:A:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:N1	1:A:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:N1	1:A:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:N1	1:A:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:N1	1:A:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:N1	1:A:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:N1	1:A:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:N1	1:A:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:N1	1:A:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:N1	1:A:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:N1	1:A:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:N1	1:A:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:N1	1:A:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:N1	1:A:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:N1	1:A:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:N1	1:A:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:N1	1:A:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:N1	1:A:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:N1	1:A:8:ARG:HE	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N1	1:A:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:N1	1:A:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:N1	1:A:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:N1	1:A:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:N1	1:A:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:N1	1:A:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:N1	1:A:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:N1	1:A:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:N1	1:A:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:N1	1:A:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:N1	1:A:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:N1	1:A:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:N1	1:A:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:N1	1:A:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:N1	1:A:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:N1	1:A:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:N1	1:A:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:N1	1:A:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:N1	1:A:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:N1	1:A:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:N1	1:A:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:N1	1:A:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:N1	1:A:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:N1	1:A:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:N1	1:A:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:N1	1:A:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:N1	1:A:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:N1	1:A:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:N1	1:A:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:N1	1:A:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:N1	1:A:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:N1	1:A:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:N1	1:A:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:N1	1:A:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:N1	1:A:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:N1	1:A:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:N1	1:A:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:N1	1:A:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:N1	1:A:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:N1	1:A:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:N1	1:A:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:N1	1:A:12:SER:C	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N1	1:A:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:N1	1:A:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:N1	1:A:12:SER:H	6	1.52
(1,27)	2:X:11:DA:N1	1:A:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:N1	1:A:12:SER:N	6	1.52
(1,27)	2:X:11:DA:N1	1:A:12:SER:O	6	1.52
(1,27)	2:X:11:DA:N1	1:A:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:N1	1:A:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:N1	1:A:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:N1	1:A:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:N1	1:A:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:N1	1:A:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:N1	1:A:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:N1	1:A:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:N1	1:A:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:N1	1:A:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:N1	1:A:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:N1	1:A:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:N1	1:A:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:N1	1:A:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:N1	1:A:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:N1	1:A:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:N1	1:A:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:N1	1:A:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:N1	1:A:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:N1	1:A:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:N1	1:A:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:N1	1:A:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:N1	1:A:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:N1	1:A:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:N1	1:A:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:N1	1:A:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:N1	1:A:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:N1	1:A:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:N1	1:A:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:N1	1:A:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:N1	1:A:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:N1	1:A:20:THR:C	6	1.52
(1,27)	2:X:11:DA:N1	1:A:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:N1	1:A:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:N1	1:A:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:N1	1:A:20:THR:H	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N1	1:A:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:N1	1:A:20:THR:N	6	1.52
(1,27)	2:X:11:DA:N1	1:A:20:THR:O	6	1.52
(1,27)	2:X:11:DA:N1	1:A:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:N1	1:B:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:N1	1:B:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:N1	1:B:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:N1	1:B:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:N1	1:B:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:N1	1:B:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:N1	1:B:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:N1	1:B:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:N1	1:B:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:N1	1:B:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:N1	1:B:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:N1	1:B:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:N1	1:B:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:N1	1:B:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:N1	1:B:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:N1	1:B:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:N1	1:B:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:N1	1:B:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:N1	1:B:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:N1	1:B:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:N1	1:B:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:N1	1:B:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:N1	1:B:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:N1	1:B:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:N1	1:B:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:N1	1:B:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:N1	1:B:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:N1	1:B:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:N1	1:B:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:N1	1:B:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:N1	1:B:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:N1	1:B:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:N1	1:B:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:N1	1:B:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:N1	1:B:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:N1	1:B:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:N1	1:B:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:N1	1:B:8:ARG:N	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N1	1:B:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:N1	1:B:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:N1	1:B:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:N1	1:B:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:N1	1:B:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:N1	1:B:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:N1	1:B:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:N1	1:B:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:N1	1:B:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:N1	1:B:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:N1	1:B:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:N1	1:B:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:N1	1:B:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:N1	1:B:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:N1	1:B:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:N1	1:B:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:N1	1:B:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:N1	1:B:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:N1	1:B:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:N1	1:B:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:N1	1:B:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:N1	1:B:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:N1	1:B:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:N1	1:B:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:N1	1:B:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:N1	1:B:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:N1	1:B:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:N1	1:B:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:N1	1:B:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:N1	1:B:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:N1	1:B:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:N1	1:B:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:N1	1:B:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:N1	1:B:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:N1	1:B:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:N1	1:B:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:N1	1:B:12:SER:C	6	1.52
(1,27)	2:X:11:DA:N1	1:B:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:N1	1:B:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:N1	1:B:12:SER:H	6	1.52
(1,27)	2:X:11:DA:N1	1:B:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:N1	1:B:12:SER:N	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N1	1:B:12:SER:O	6	1.52
(1,27)	2:X:11:DA:N1	1:B:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:N1	1:B:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:N1	1:B:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:N1	1:B:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:N1	1:B:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:N1	1:B:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:N1	1:B:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:N1	1:B:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:N1	1:B:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:N1	1:B:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:N1	1:B:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:N1	1:B:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:N1	1:B:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:N1	1:B:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:N1	1:B:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:N1	1:B:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:N1	1:B:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:N1	1:B:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:N1	1:B:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:N1	1:B:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:N1	1:B:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:N1	1:B:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:N1	1:B:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:N1	1:B:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:N1	1:B:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:N1	1:B:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:N1	1:B:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:N1	1:B:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:N1	1:B:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:N1	1:B:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:N1	1:B:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:N1	1:B:20:THR:C	6	1.52
(1,27)	2:X:11:DA:N1	1:B:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:N1	1:B:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:N1	1:B:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:N1	1:B:20:THR:H	6	1.52
(1,27)	2:X:11:DA:N1	1:B:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:N1	1:B:20:THR:N	6	1.52
(1,27)	2:X:11:DA:N1	1:B:20:THR:O	6	1.52
(1,27)	2:X:11:DA:N1	1:B:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:N3	1:A:3:HIS:C	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N3	1:A:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:N3	1:A:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:N3	1:A:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:N3	1:A:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:N3	1:A:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:N3	1:A:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:N3	1:A:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:N3	1:A:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:N3	1:A:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:N3	1:A:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:N3	1:A:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:N3	1:A:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:N3	1:A:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:N3	1:A:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:N3	1:A:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:N3	1:A:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:N3	1:A:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:N3	1:A:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:N3	1:A:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:N3	1:A:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:N3	1:A:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:N3	1:A:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:N3	1:A:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:N3	1:A:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:N3	1:A:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:N3	1:A:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:N3	1:A:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:N3	1:A:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:N3	1:A:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:N3	1:A:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:N3	1:A:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:N3	1:A:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:N3	1:A:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:N3	1:A:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:N3	1:A:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:N3	1:A:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:N3	1:A:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:N3	1:A:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:N3	1:A:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:N3	1:A:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:N3	1:A:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:N3	1:A:9:TRP:C	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N3	1:A:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:N3	1:A:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:N3	1:A:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:N3	1:A:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:N3	1:A:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:N3	1:A:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:N3	1:A:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:N3	1:A:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:N3	1:A:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:N3	1:A:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:N3	1:A:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:N3	1:A:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:N3	1:A:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:N3	1:A:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:N3	1:A:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:N3	1:A:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:N3	1:A:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:N3	1:A:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:N3	1:A:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:N3	1:A:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:N3	1:A:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:N3	1:A:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:N3	1:A:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:N3	1:A:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:N3	1:A:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:N3	1:A:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:N3	1:A:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:N3	1:A:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:N3	1:A:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:N3	1:A:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:N3	1:A:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:N3	1:A:12:SER:C	6	1.52
(1,27)	2:X:11:DA:N3	1:A:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:N3	1:A:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:N3	1:A:12:SER:H	6	1.52
(1,27)	2:X:11:DA:N3	1:A:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:N3	1:A:12:SER:N	6	1.52
(1,27)	2:X:11:DA:N3	1:A:12:SER:O	6	1.52
(1,27)	2:X:11:DA:N3	1:A:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:N3	1:A:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:N3	1:A:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:N3	1:A:16:ARG:CB	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N3	1:A:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:N3	1:A:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:N3	1:A:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:N3	1:A:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:N3	1:A:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:N3	1:A:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:N3	1:A:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:N3	1:A:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:N3	1:A:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:N3	1:A:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:N3	1:A:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:N3	1:A:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:N3	1:A:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:N3	1:A:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:N3	1:A:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:N3	1:A:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:N3	1:A:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:N3	1:A:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:N3	1:A:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:N3	1:A:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:N3	1:A:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:N3	1:A:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:N3	1:A:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:N3	1:A:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:N3	1:A:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:N3	1:A:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:N3	1:A:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:N3	1:A:20:THR:C	6	1.52
(1,27)	2:X:11:DA:N3	1:A:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:N3	1:A:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:N3	1:A:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:N3	1:A:20:THR:H	6	1.52
(1,27)	2:X:11:DA:N3	1:A:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:N3	1:A:20:THR:N	6	1.52
(1,27)	2:X:11:DA:N3	1:A:20:THR:O	6	1.52
(1,27)	2:X:11:DA:N3	1:A:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:N3	1:B:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:N3	1:B:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:N3	1:B:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:N3	1:B:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:N3	1:B:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:N3	1:B:3:HIS:CG	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N3	1:B:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:N3	1:B:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:N3	1:B:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:N3	1:B:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:N3	1:B:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:N3	1:B:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:N3	1:B:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:N3	1:B:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:N3	1:B:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:N3	1:B:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:N3	1:B:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:N3	1:B:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:N3	1:B:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:N3	1:B:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:N3	1:B:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:N3	1:B:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:N3	1:B:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:N3	1:B:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:N3	1:B:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:N3	1:B:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:N3	1:B:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:N3	1:B:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:N3	1:B:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:N3	1:B:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:N3	1:B:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:N3	1:B:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:N3	1:B:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:N3	1:B:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:N3	1:B:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:N3	1:B:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:N3	1:B:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:N3	1:B:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:N3	1:B:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:N3	1:B:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:N3	1:B:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:N3	1:B:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:N3	1:B:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:N3	1:B:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:N3	1:B:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:N3	1:B:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:N3	1:B:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:N3	1:B:9:TRP:CE2	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N3	1:B:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:N3	1:B:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:N3	1:B:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:N3	1:B:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:N3	1:B:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:N3	1:B:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:N3	1:B:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:N3	1:B:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:N3	1:B:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:N3	1:B:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:N3	1:B:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:N3	1:B:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:N3	1:B:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:N3	1:B:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:N3	1:B:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:N3	1:B:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:N3	1:B:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:N3	1:B:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:N3	1:B:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:N3	1:B:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:N3	1:B:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:N3	1:B:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:N3	1:B:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:N3	1:B:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:N3	1:B:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:N3	1:B:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:N3	1:B:12:SER:C	6	1.52
(1,27)	2:X:11:DA:N3	1:B:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:N3	1:B:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:N3	1:B:12:SER:H	6	1.52
(1,27)	2:X:11:DA:N3	1:B:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:N3	1:B:12:SER:N	6	1.52
(1,27)	2:X:11:DA:N3	1:B:12:SER:O	6	1.52
(1,27)	2:X:11:DA:N3	1:B:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:N3	1:B:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:N3	1:B:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:N3	1:B:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:N3	1:B:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:N3	1:B:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:N3	1:B:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:N3	1:B:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:N3	1:B:16:ARG:HE	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N3	1:B:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:N3	1:B:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:N3	1:B:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:N3	1:B:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:N3	1:B:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:N3	1:B:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:N3	1:B:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:N3	1:B:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:N3	1:B:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:N3	1:B:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:N3	1:B:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:N3	1:B:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:N3	1:B:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:N3	1:B:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:N3	1:B:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:N3	1:B:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:N3	1:B:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:N3	1:B:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:N3	1:B:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:N3	1:B:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:N3	1:B:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:N3	1:B:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:N3	1:B:20:THR:C	6	1.52
(1,27)	2:X:11:DA:N3	1:B:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:N3	1:B:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:N3	1:B:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:N3	1:B:20:THR:H	6	1.52
(1,27)	2:X:11:DA:N3	1:B:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:N3	1:B:20:THR:N	6	1.52
(1,27)	2:X:11:DA:N3	1:B:20:THR:O	6	1.52
(1,27)	2:X:11:DA:N3	1:B:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:N6	1:A:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:N6	1:A:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:N6	1:A:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:N6	1:A:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:N6	1:A:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:N6	1:A:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:N6	1:A:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:N6	1:A:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:N6	1:A:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:N6	1:A:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:N6	1:A:3:HIS:NE2	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N6	1:A:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:N6	1:A:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:N6	1:A:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:N6	1:A:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:N6	1:A:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:N6	1:A:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:N6	1:A:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:N6	1:A:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:N6	1:A:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:N6	1:A:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:N6	1:A:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:N6	1:A:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:N6	1:A:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:N6	1:A:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:N6	1:A:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:N6	1:A:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:N6	1:A:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:N6	1:A:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:N6	1:A:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:N6	1:A:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:N6	1:A:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:N6	1:A:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:N6	1:A:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:N6	1:A:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:N6	1:A:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:N6	1:A:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:N6	1:A:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:N6	1:A:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:N6	1:A:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:N6	1:A:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:N6	1:A:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:N6	1:A:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:N6	1:A:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:N6	1:A:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:N6	1:A:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:N6	1:A:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:N6	1:A:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:N6	1:A:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:N6	1:A:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:N6	1:A:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:N6	1:A:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:N6	1:A:9:TRP:CZ3	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N6	1:A:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:N6	1:A:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:N6	1:A:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:N6	1:A:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:N6	1:A:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:N6	1:A:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:N6	1:A:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:N6	1:A:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:N6	1:A:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:N6	1:A:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:N6	1:A:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:N6	1:A:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:N6	1:A:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:N6	1:A:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:N6	1:A:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:N6	1:A:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:N6	1:A:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:N6	1:A:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:N6	1:A:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:N6	1:A:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:N6	1:A:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:N6	1:A:12:SER:C	6	1.52
(1,27)	2:X:11:DA:N6	1:A:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:N6	1:A:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:N6	1:A:12:SER:H	6	1.52
(1,27)	2:X:11:DA:N6	1:A:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:N6	1:A:12:SER:N	6	1.52
(1,27)	2:X:11:DA:N6	1:A:12:SER:O	6	1.52
(1,27)	2:X:11:DA:N6	1:A:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:N6	1:A:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:N6	1:A:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:N6	1:A:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:N6	1:A:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:N6	1:A:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:N6	1:A:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:N6	1:A:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:N6	1:A:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:N6	1:A:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:N6	1:A:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:N6	1:A:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:N6	1:A:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:N6	1:A:16:ARG:N	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N6	1:A:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:N6	1:A:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:N6	1:A:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:N6	1:A:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:N6	1:A:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:N6	1:A:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:N6	1:A:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:N6	1:A:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:N6	1:A:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:N6	1:A:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:N6	1:A:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:N6	1:A:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:N6	1:A:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:N6	1:A:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:N6	1:A:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:N6	1:A:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:N6	1:A:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:N6	1:A:20:THR:C	6	1.52
(1,27)	2:X:11:DA:N6	1:A:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:N6	1:A:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:N6	1:A:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:N6	1:A:20:THR:H	6	1.52
(1,27)	2:X:11:DA:N6	1:A:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:N6	1:A:20:THR:N	6	1.52
(1,27)	2:X:11:DA:N6	1:A:20:THR:O	6	1.52
(1,27)	2:X:11:DA:N6	1:A:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:N6	1:B:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:N6	1:B:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:N6	1:B:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:N6	1:B:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:N6	1:B:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:N6	1:B:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:N6	1:B:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:N6	1:B:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:N6	1:B:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:N6	1:B:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:N6	1:B:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:N6	1:B:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:N6	1:B:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:N6	1:B:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:N6	1:B:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:N6	1:B:7:LYS:CD	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N6	1:B:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:N6	1:B:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:N6	1:B:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:N6	1:B:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:N6	1:B:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:N6	1:B:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:N6	1:B:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:N6	1:B:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:N6	1:B:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:N6	1:B:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:N6	1:B:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:N6	1:B:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:N6	1:B:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:N6	1:B:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:N6	1:B:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:N6	1:B:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:N6	1:B:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:N6	1:B:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:N6	1:B:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:N6	1:B:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:N6	1:B:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:N6	1:B:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:N6	1:B:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:N6	1:B:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:N6	1:B:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:N6	1:B:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:N6	1:B:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:N6	1:B:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:N6	1:B:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:N6	1:B:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:N6	1:B:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:N6	1:B:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:N6	1:B:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:N6	1:B:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:N6	1:B:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:N6	1:B:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:N6	1:B:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:N6	1:B:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:N6	1:B:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:N6	1:B:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:N6	1:B:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:N6	1:B:9:TRP:O	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N6	1:B:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:N6	1:B:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:N6	1:B:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:N6	1:B:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:N6	1:B:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:N6	1:B:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:N6	1:B:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:N6	1:B:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:N6	1:B:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:N6	1:B:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:N6	1:B:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:N6	1:B:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:N6	1:B:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:N6	1:B:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:N6	1:B:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:N6	1:B:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:N6	1:B:12:SER:C	6	1.52
(1,27)	2:X:11:DA:N6	1:B:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:N6	1:B:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:N6	1:B:12:SER:H	6	1.52
(1,27)	2:X:11:DA:N6	1:B:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:N6	1:B:12:SER:N	6	1.52
(1,27)	2:X:11:DA:N6	1:B:12:SER:O	6	1.52
(1,27)	2:X:11:DA:N6	1:B:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:N6	1:B:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:N6	1:B:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:N6	1:B:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:N6	1:B:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:N6	1:B:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:N6	1:B:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:N6	1:B:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:N6	1:B:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:N6	1:B:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:N6	1:B:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:N6	1:B:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:N6	1:B:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:N6	1:B:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:N6	1:B:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:N6	1:B:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:N6	1:B:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:N6	1:B:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:N6	1:B:18:PRO:C	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N6	1:B:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:N6	1:B:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:N6	1:B:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:N6	1:B:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:N6	1:B:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:N6	1:B:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:N6	1:B:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:N6	1:B:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:N6	1:B:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:N6	1:B:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:N6	1:B:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:N6	1:B:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:N6	1:B:20:THR:C	6	1.52
(1,27)	2:X:11:DA:N6	1:B:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:N6	1:B:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:N6	1:B:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:N6	1:B:20:THR:H	6	1.52
(1,27)	2:X:11:DA:N6	1:B:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:N6	1:B:20:THR:N	6	1.52
(1,27)	2:X:11:DA:N6	1:B:20:THR:O	6	1.52
(1,27)	2:X:11:DA:N6	1:B:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:N7	1:A:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:N7	1:A:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:N7	1:A:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:N7	1:A:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:N7	1:A:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:N7	1:A:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:N7	1:A:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:N7	1:A:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:N7	1:A:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:N7	1:A:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:N7	1:A:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:N7	1:A:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:N7	1:A:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:N7	1:A:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:N7	1:A:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:N7	1:A:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:N7	1:A:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:N7	1:A:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:N7	1:A:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:N7	1:A:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:N7	1:A:7:LYS:HZ2	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N7	1:A:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:N7	1:A:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:N7	1:A:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:N7	1:A:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:N7	1:A:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:N7	1:A:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:N7	1:A:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:N7	1:A:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:N7	1:A:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:N7	1:A:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:N7	1:A:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:N7	1:A:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:N7	1:A:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:N7	1:A:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:N7	1:A:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:N7	1:A:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:N7	1:A:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:N7	1:A:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:N7	1:A:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:N7	1:A:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:N7	1:A:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:N7	1:A:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:N7	1:A:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:N7	1:A:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:N7	1:A:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:N7	1:A:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:N7	1:A:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:N7	1:A:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:N7	1:A:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:N7	1:A:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:N7	1:A:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:N7	1:A:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:N7	1:A:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:N7	1:A:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:N7	1:A:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:N7	1:A:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:N7	1:A:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:N7	1:A:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:N7	1:A:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:N7	1:A:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:N7	1:A:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:N7	1:A:10:GLY:O	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N7	1:A:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:N7	1:A:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:N7	1:A:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:N7	1:A:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:N7	1:A:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:N7	1:A:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:N7	1:A:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:N7	1:A:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:N7	1:A:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:N7	1:A:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:N7	1:A:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:N7	1:A:12:SER:C	6	1.52
(1,27)	2:X:11:DA:N7	1:A:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:N7	1:A:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:N7	1:A:12:SER:H	6	1.52
(1,27)	2:X:11:DA:N7	1:A:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:N7	1:A:12:SER:N	6	1.52
(1,27)	2:X:11:DA:N7	1:A:12:SER:O	6	1.52
(1,27)	2:X:11:DA:N7	1:A:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:N7	1:A:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:N7	1:A:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:N7	1:A:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:N7	1:A:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:N7	1:A:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:N7	1:A:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:N7	1:A:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:N7	1:A:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:N7	1:A:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:N7	1:A:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:N7	1:A:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:N7	1:A:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:N7	1:A:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:N7	1:A:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:N7	1:A:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:N7	1:A:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:N7	1:A:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:N7	1:A:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:N7	1:A:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:N7	1:A:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:N7	1:A:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:N7	1:A:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:N7	1:A:18:PRO:N	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N7	1:A:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:N7	1:A:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:N7	1:A:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:N7	1:A:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:N7	1:A:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:N7	1:A:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:N7	1:A:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:N7	1:A:20:THR:C	6	1.52
(1,27)	2:X:11:DA:N7	1:A:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:N7	1:A:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:N7	1:A:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:N7	1:A:20:THR:H	6	1.52
(1,27)	2:X:11:DA:N7	1:A:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:N7	1:A:20:THR:N	6	1.52
(1,27)	2:X:11:DA:N7	1:A:20:THR:O	6	1.52
(1,27)	2:X:11:DA:N7	1:A:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:N7	1:B:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:N7	1:B:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:N7	1:B:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:N7	1:B:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:N7	1:B:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:N7	1:B:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:N7	1:B:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:N7	1:B:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:N7	1:B:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:N7	1:B:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:N7	1:B:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:N7	1:B:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:N7	1:B:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:N7	1:B:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:N7	1:B:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:N7	1:B:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:N7	1:B:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:N7	1:B:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:N7	1:B:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:N7	1:B:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:N7	1:B:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:N7	1:B:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:N7	1:B:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:N7	1:B:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:N7	1:B:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:N7	1:B:8:ARG:C	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N7	1:B:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:N7	1:B:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:N7	1:B:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:N7	1:B:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:N7	1:B:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:N7	1:B:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:N7	1:B:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:N7	1:B:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:N7	1:B:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:N7	1:B:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:N7	1:B:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:N7	1:B:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:N7	1:B:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:N7	1:B:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:N7	1:B:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:N7	1:B:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:N7	1:B:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:N7	1:B:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:N7	1:B:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:N7	1:B:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:N7	1:B:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:N7	1:B:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:N7	1:B:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:N7	1:B:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:N7	1:B:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:N7	1:B:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:N7	1:B:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:N7	1:B:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:N7	1:B:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:N7	1:B:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:N7	1:B:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:N7	1:B:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:N7	1:B:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:N7	1:B:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:N7	1:B:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:N7	1:B:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:N7	1:B:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:N7	1:B:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:N7	1:B:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:N7	1:B:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:N7	1:B:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:N7	1:B:11:ASN:H	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N7	1:B:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:N7	1:B:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:N7	1:B:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:N7	1:B:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:N7	1:B:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:N7	1:B:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:N7	1:B:12:SER:C	6	1.52
(1,27)	2:X:11:DA:N7	1:B:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:N7	1:B:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:N7	1:B:12:SER:H	6	1.52
(1,27)	2:X:11:DA:N7	1:B:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:N7	1:B:12:SER:N	6	1.52
(1,27)	2:X:11:DA:N7	1:B:12:SER:O	6	1.52
(1,27)	2:X:11:DA:N7	1:B:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:N7	1:B:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:N7	1:B:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:N7	1:B:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:N7	1:B:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:N7	1:B:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:N7	1:B:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:N7	1:B:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:N7	1:B:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:N7	1:B:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:N7	1:B:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:N7	1:B:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:N7	1:B:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:N7	1:B:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:N7	1:B:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:N7	1:B:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:N7	1:B:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:N7	1:B:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:N7	1:B:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:N7	1:B:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:N7	1:B:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:N7	1:B:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:N7	1:B:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:N7	1:B:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:N7	1:B:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:N7	1:B:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:N7	1:B:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:N7	1:B:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:N7	1:B:19:ALA:H	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N7	1:B:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:N7	1:B:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:N7	1:B:20:THR:C	6	1.52
(1,27)	2:X:11:DA:N7	1:B:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:N7	1:B:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:N7	1:B:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:N7	1:B:20:THR:H	6	1.52
(1,27)	2:X:11:DA:N7	1:B:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:N7	1:B:20:THR:N	6	1.52
(1,27)	2:X:11:DA:N7	1:B:20:THR:O	6	1.52
(1,27)	2:X:11:DA:N7	1:B:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:N9	1:A:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:N9	1:A:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:N9	1:A:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:N9	1:A:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:N9	1:A:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:N9	1:A:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:N9	1:A:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:N9	1:A:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:N9	1:A:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:N9	1:A:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:N9	1:A:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:N9	1:A:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:N9	1:A:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:N9	1:A:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:N9	1:A:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:N9	1:A:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:N9	1:A:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:N9	1:A:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:N9	1:A:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:N9	1:A:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:N9	1:A:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:N9	1:A:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:N9	1:A:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:N9	1:A:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:N9	1:A:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:N9	1:A:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:N9	1:A:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:N9	1:A:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:N9	1:A:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:N9	1:A:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:N9	1:A:8:ARG:CZ	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N9	1:A:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:N9	1:A:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:N9	1:A:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:N9	1:A:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:N9	1:A:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:N9	1:A:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:N9	1:A:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:N9	1:A:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:N9	1:A:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:N9	1:A:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:N9	1:A:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:N9	1:A:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:N9	1:A:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:N9	1:A:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:N9	1:A:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:N9	1:A:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:N9	1:A:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:N9	1:A:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:N9	1:A:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:N9	1:A:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:N9	1:A:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:N9	1:A:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:N9	1:A:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:N9	1:A:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:N9	1:A:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:N9	1:A:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:N9	1:A:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:N9	1:A:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:N9	1:A:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:N9	1:A:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:N9	1:A:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:N9	1:A:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:N9	1:A:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:N9	1:A:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:N9	1:A:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:N9	1:A:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:N9	1:A:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:N9	1:A:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:N9	1:A:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:N9	1:A:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:N9	1:A:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:N9	1:A:11:ASN:O	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N9	1:A:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:N9	1:A:12:SER:C	6	1.52
(1,27)	2:X:11:DA:N9	1:A:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:N9	1:A:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:N9	1:A:12:SER:H	6	1.52
(1,27)	2:X:11:DA:N9	1:A:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:N9	1:A:12:SER:N	6	1.52
(1,27)	2:X:11:DA:N9	1:A:12:SER:O	6	1.52
(1,27)	2:X:11:DA:N9	1:A:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:N9	1:A:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:N9	1:A:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:N9	1:A:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:N9	1:A:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:N9	1:A:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:N9	1:A:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:N9	1:A:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:N9	1:A:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:N9	1:A:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:N9	1:A:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:N9	1:A:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:N9	1:A:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:N9	1:A:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:N9	1:A:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:N9	1:A:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:N9	1:A:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:N9	1:A:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:N9	1:A:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:N9	1:A:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:N9	1:A:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:N9	1:A:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:N9	1:A:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:N9	1:A:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:N9	1:A:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:N9	1:A:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:N9	1:A:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:N9	1:A:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:N9	1:A:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:N9	1:A:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:N9	1:A:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:N9	1:A:20:THR:C	6	1.52
(1,27)	2:X:11:DA:N9	1:A:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:N9	1:A:20:THR:CB	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N9	1:A:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:N9	1:A:20:THR:H	6	1.52
(1,27)	2:X:11:DA:N9	1:A:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:N9	1:A:20:THR:N	6	1.52
(1,27)	2:X:11:DA:N9	1:A:20:THR:O	6	1.52
(1,27)	2:X:11:DA:N9	1:A:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:N9	1:B:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:N9	1:B:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:N9	1:B:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:N9	1:B:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:N9	1:B:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:N9	1:B:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:N9	1:B:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:N9	1:B:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:N9	1:B:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:N9	1:B:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:N9	1:B:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:N9	1:B:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:N9	1:B:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:N9	1:B:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:N9	1:B:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:N9	1:B:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:N9	1:B:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:N9	1:B:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:N9	1:B:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:N9	1:B:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:N9	1:B:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:N9	1:B:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:N9	1:B:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:N9	1:B:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:N9	1:B:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:N9	1:B:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:N9	1:B:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:N9	1:B:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:N9	1:B:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:N9	1:B:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:N9	1:B:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:N9	1:B:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:N9	1:B:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:N9	1:B:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:N9	1:B:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:N9	1:B:8:ARG:HH21	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N9	1:B:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:N9	1:B:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:N9	1:B:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:N9	1:B:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:N9	1:B:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:N9	1:B:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:N9	1:B:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:N9	1:B:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:N9	1:B:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:N9	1:B:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:N9	1:B:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:N9	1:B:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:N9	1:B:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:N9	1:B:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:N9	1:B:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:N9	1:B:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:N9	1:B:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:N9	1:B:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:N9	1:B:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:N9	1:B:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:N9	1:B:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:N9	1:B:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:N9	1:B:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:N9	1:B:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:N9	1:B:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:N9	1:B:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:N9	1:B:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:N9	1:B:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:N9	1:B:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:N9	1:B:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:N9	1:B:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:N9	1:B:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:N9	1:B:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:N9	1:B:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:N9	1:B:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:N9	1:B:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:N9	1:B:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:N9	1:B:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:N9	1:B:12:SER:C	6	1.52
(1,27)	2:X:11:DA:N9	1:B:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:N9	1:B:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:N9	1:B:12:SER:H	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N9	1:B:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:N9	1:B:12:SER:N	6	1.52
(1,27)	2:X:11:DA:N9	1:B:12:SER:O	6	1.52
(1,27)	2:X:11:DA:N9	1:B:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:N9	1:B:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:N9	1:B:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:N9	1:B:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:N9	1:B:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:N9	1:B:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:N9	1:B:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:N9	1:B:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:N9	1:B:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:N9	1:B:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:N9	1:B:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:N9	1:B:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:N9	1:B:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:N9	1:B:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:N9	1:B:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:N9	1:B:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:N9	1:B:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:N9	1:B:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:N9	1:B:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:N9	1:B:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:N9	1:B:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:N9	1:B:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:N9	1:B:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:N9	1:B:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:N9	1:B:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:N9	1:B:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:N9	1:B:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:N9	1:B:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:N9	1:B:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:N9	1:B:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:N9	1:B:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:N9	1:B:20:THR:C	6	1.52
(1,27)	2:X:11:DA:N9	1:B:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:N9	1:B:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:N9	1:B:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:N9	1:B:20:THR:H	6	1.52
(1,27)	2:X:11:DA:N9	1:B:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:N9	1:B:20:THR:N	6	1.52
(1,27)	2:X:11:DA:N9	1:B:20:THR:O	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N9	1:B:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:8:ARG:NH2	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:O3'	1:A:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:12:SER:C	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:12:SER:H	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:12:SER:N	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:12:SER:O	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:16:ARG:C	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:O3'	1:A:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:20:THR:C	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:20:THR:H	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:20:THR:N	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:20:THR:O	6	1.52
(1,27)	2:X:11:DA:O3'	1:A:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:3:HIS:CD2	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:O3'	1:B:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:9:TRP:CD1	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:O3'	1:B:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:12:SER:C	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:12:SER:H	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:12:SER:N	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:12:SER:O	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:16:ARG:CZ	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:O3'	1:B:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:20:THR:C	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:20:THR:H	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:20:THR:N	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:20:THR:O	6	1.52
(1,27)	2:X:11:DA:O3'	1:B:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:3:HIS:N	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:O4'	1:A:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:9:TRP:CH2	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:O4'	1:A:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:12:SER:C	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:12:SER:H	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:12:SER:N	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:12:SER:O	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:HH21	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:20:THR:C	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:20:THR:H	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:20:THR:N	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:20:THR:O	6	1.52
(1,27)	2:X:11:DA:O4'	1:A:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:7:LYS:CA	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:O4'	1:B:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:9:TRP:N	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:O4'	1:B:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:12:SER:C	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:12:SER:H	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:12:SER:N	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:12:SER:O	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:NH2	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:20:THR:C	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:20:THR:H	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:20:THR:N	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:20:THR:O	6	1.52
(1,27)	2:X:11:DA:O4'	1:B:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:7:LYS:H	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:O5 ⁷	1:A:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:O5 ⁷	1:A:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:O5 ⁷	1:A:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:O5 ⁷	1:A:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:O5 ⁷	1:A:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:O5 ⁷	1:A:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:O5 ⁷	1:A:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:O5 ⁷	1:A:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:O5 ⁷	1:A:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:O5 ⁷	1:A:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:O5 ⁷	1:A:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:O5 ⁷	1:A:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:O5 ⁷	1:A:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:O5 ⁷	1:A:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:O5 ⁷	1:A:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:O5 ⁷	1:A:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:O5 ⁷	1:A:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:O5 ⁷	1:A:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:O5 ⁷	1:A:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:O5 ⁷	1:A:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:O5 ⁷	1:A:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:O5 ⁷	1:A:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:O5 ⁷	1:A:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:O5 ⁷	1:A:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:O5 ⁷	1:A:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:O5 ⁷	1:A:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:O5 ⁷	1:A:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:O5 ⁷	1:A:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:O5 ⁷	1:A:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:O5 ⁷	1:A:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:O5 ⁷	1:A:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:O5 ⁷	1:A:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:O5 ⁷	1:A:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:O5 ⁷	1:A:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:O5 ⁷	1:A:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:O5 ⁷	1:A:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:O5 ⁷	1:A:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:O5 ⁷	1:A:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:O5 ⁷	1:A:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:O5 ⁷	1:A:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:O5 ⁷	1:A:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:O5 ⁷	1:A:10:GLY:H	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:O5'	1:A:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:12:SER:C	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:12:SER:H	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:12:SER:N	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:12:SER:O	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:18:PRO:CD	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:O5'	1:A:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:20:THR:C	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:20:THR:H	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:20:THR:N	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:20:THR:O	6	1.52
(1,27)	2:X:11:DA:O5'	1:A:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:7:LYS:NZ	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:O5'	1:B:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:11:ASN:CB	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:O5'	1:B:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:12:SER:C	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:12:SER:H	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:12:SER:N	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:12:SER:O	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:19:ALA:CA	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:O5'	1:B:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:20:THR:C	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:20:THR:H	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:20:THR:N	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:20:THR:O	6	1.52
(1,27)	2:X:11:DA:O5'	1:B:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:CD	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:11:ASN:N	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:OP1	1:A:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:12:SER:C	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:12:SER:H	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:12:SER:N	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:12:SER:O	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:20:THR:C	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:OP1	1:A:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:20:THR:H	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:20:THR:N	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:20:THR:O	6	1.52
(1,27)	2:X:11:DA:OP1	1:A:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:HH11	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:12:SER:C	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:12:SER:CA	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:OP1	1:B:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:12:SER:H	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:12:SER:N	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:12:SER:O	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:20:THR:C	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:20:THR:H	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:20:THR:HG1	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:OP1	1:B:20:THR:N	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:20:THR:O	6	1.52
(1,27)	2:X:11:DA:OP1	1:B:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:NE	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:12:SER:C	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:12:SER:H	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:12:SER:N	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:12:SER:O	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:OP2	1:A:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:20:THR:C	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:20:THR:H	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:20:THR:N	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:20:THR:O	6	1.52
(1,27)	2:X:11:DA:OP2	1:A:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:3:HIS:CA	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:OP2	1:B:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:9:TRP:CA	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:OP2	1:B:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:12:SER:C	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:12:SER:H	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:12:SER:N	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:12:SER:O	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:CD	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:20:THR:C	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:20:THR:H	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:20:THR:N	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:20:THR:O	6	1.52
(1,27)	2:X:11:DA:OP2	1:B:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:P	1:A:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:P	1:A:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:P	1:A:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:P	1:A:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:P	1:A:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:P	1:A:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:P	1:A:3:HIS:H	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:P	1:A:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:P	1:A:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:P	1:A:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:P	1:A:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:P	1:A:3:HIS:O	6	1.52
(1,27)	2:X:11:DA:P	1:A:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:P	1:A:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:P	1:A:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:P	1:A:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:P	1:A:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:P	1:A:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:P	1:A:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:P	1:A:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:P	1:A:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:P	1:A:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:P	1:A:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:P	1:A:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:P	1:A:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:P	1:A:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:P	1:A:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:P	1:A:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:P	1:A:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:P	1:A:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:P	1:A:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:P	1:A:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:P	1:A:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:P	1:A:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:P	1:A:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:P	1:A:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:P	1:A:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:P	1:A:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:P	1:A:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:P	1:A:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:P	1:A:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:P	1:A:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:P	1:A:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:P	1:A:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:P	1:A:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:P	1:A:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:P	1:A:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:P	1:A:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:P	1:A:9:TRP:CE3	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:P	1:A:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:P	1:A:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:P	1:A:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:P	1:A:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:P	1:A:9:TRP:H	6	1.52
(1,27)	2:X:11:DA:P	1:A:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:P	1:A:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:P	1:A:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:P	1:A:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:P	1:A:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:P	1:A:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:P	1:A:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:P	1:A:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:P	1:A:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:P	1:A:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:P	1:A:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:P	1:A:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:P	1:A:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:P	1:A:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:P	1:A:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:P	1:A:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:P	1:A:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:P	1:A:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:P	1:A:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:P	1:A:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:P	1:A:12:SER:C	6	1.52
(1,27)	2:X:11:DA:P	1:A:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:P	1:A:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:P	1:A:12:SER:H	6	1.52
(1,27)	2:X:11:DA:P	1:A:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:P	1:A:12:SER:N	6	1.52
(1,27)	2:X:11:DA:P	1:A:12:SER:O	6	1.52
(1,27)	2:X:11:DA:P	1:A:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:P	1:A:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:P	1:A:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:P	1:A:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:P	1:A:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:P	1:A:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:P	1:A:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:P	1:A:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:P	1:A:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:P	1:A:16:ARG:HH11	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:P	1:A:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:P	1:A:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:P	1:A:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:P	1:A:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:P	1:A:16:ARG:NE	6	1.52
(1,27)	2:X:11:DA:P	1:A:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:P	1:A:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:P	1:A:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:P	1:A:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:P	1:A:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:P	1:A:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:P	1:A:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:P	1:A:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:P	1:A:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:P	1:A:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:P	1:A:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:P	1:A:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:P	1:A:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:P	1:A:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:P	1:A:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:P	1:A:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:P	1:A:20:THR:C	6	1.52
(1,27)	2:X:11:DA:P	1:A:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:P	1:A:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:P	1:A:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:P	1:A:20:THR:H	6	1.52
(1,27)	2:X:11:DA:P	1:A:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:P	1:A:20:THR:N	6	1.52
(1,27)	2:X:11:DA:P	1:A:20:THR:O	6	1.52
(1,27)	2:X:11:DA:P	1:A:20:THR:OG1	6	1.52
(1,27)	2:X:11:DA:P	1:B:3:HIS:C	6	1.52
(1,27)	2:X:11:DA:P	1:B:3:HIS:CA	6	1.52
(1,27)	2:X:11:DA:P	1:B:3:HIS:CB	6	1.52
(1,27)	2:X:11:DA:P	1:B:3:HIS:CD2	6	1.52
(1,27)	2:X:11:DA:P	1:B:3:HIS:CE1	6	1.52
(1,27)	2:X:11:DA:P	1:B:3:HIS:CG	6	1.52
(1,27)	2:X:11:DA:P	1:B:3:HIS:H	6	1.52
(1,27)	2:X:11:DA:P	1:B:3:HIS:HD1	6	1.52
(1,27)	2:X:11:DA:P	1:B:3:HIS:N	6	1.52
(1,27)	2:X:11:DA:P	1:B:3:HIS:ND1	6	1.52
(1,27)	2:X:11:DA:P	1:B:3:HIS:NE2	6	1.52
(1,27)	2:X:11:DA:P	1:B:3:HIS:O	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:P	1:B:7:LYS:C	6	1.52
(1,27)	2:X:11:DA:P	1:B:7:LYS:CA	6	1.52
(1,27)	2:X:11:DA:P	1:B:7:LYS:CB	6	1.52
(1,27)	2:X:11:DA:P	1:B:7:LYS:CD	6	1.52
(1,27)	2:X:11:DA:P	1:B:7:LYS:CE	6	1.52
(1,27)	2:X:11:DA:P	1:B:7:LYS:CG	6	1.52
(1,27)	2:X:11:DA:P	1:B:7:LYS:H	6	1.52
(1,27)	2:X:11:DA:P	1:B:7:LYS:HZ1	6	1.52
(1,27)	2:X:11:DA:P	1:B:7:LYS:HZ2	6	1.52
(1,27)	2:X:11:DA:P	1:B:7:LYS:HZ3	6	1.52
(1,27)	2:X:11:DA:P	1:B:7:LYS:N	6	1.52
(1,27)	2:X:11:DA:P	1:B:7:LYS:NZ	6	1.52
(1,27)	2:X:11:DA:P	1:B:7:LYS:O	6	1.52
(1,27)	2:X:11:DA:P	1:B:8:ARG:C	6	1.52
(1,27)	2:X:11:DA:P	1:B:8:ARG:CA	6	1.52
(1,27)	2:X:11:DA:P	1:B:8:ARG:CB	6	1.52
(1,27)	2:X:11:DA:P	1:B:8:ARG:CD	6	1.52
(1,27)	2:X:11:DA:P	1:B:8:ARG:CG	6	1.52
(1,27)	2:X:11:DA:P	1:B:8:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:P	1:B:8:ARG:H	6	1.52
(1,27)	2:X:11:DA:P	1:B:8:ARG:HE	6	1.52
(1,27)	2:X:11:DA:P	1:B:8:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:P	1:B:8:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:P	1:B:8:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:P	1:B:8:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:P	1:B:8:ARG:N	6	1.52
(1,27)	2:X:11:DA:P	1:B:8:ARG:NE	6	1.52
(1,27)	2:X:11:DA:P	1:B:8:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:P	1:B:8:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:P	1:B:8:ARG:O	6	1.52
(1,27)	2:X:11:DA:P	1:B:9:TRP:C	6	1.52
(1,27)	2:X:11:DA:P	1:B:9:TRP:CA	6	1.52
(1,27)	2:X:11:DA:P	1:B:9:TRP:CB	6	1.52
(1,27)	2:X:11:DA:P	1:B:9:TRP:CD1	6	1.52
(1,27)	2:X:11:DA:P	1:B:9:TRP:CD2	6	1.52
(1,27)	2:X:11:DA:P	1:B:9:TRP:CE2	6	1.52
(1,27)	2:X:11:DA:P	1:B:9:TRP:CE3	6	1.52
(1,27)	2:X:11:DA:P	1:B:9:TRP:CG	6	1.52
(1,27)	2:X:11:DA:P	1:B:9:TRP:CH2	6	1.52
(1,27)	2:X:11:DA:P	1:B:9:TRP:CZ2	6	1.52
(1,27)	2:X:11:DA:P	1:B:9:TRP:CZ3	6	1.52
(1,27)	2:X:11:DA:P	1:B:9:TRP:H	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:P	1:B:9:TRP:HE1	6	1.52
(1,27)	2:X:11:DA:P	1:B:9:TRP:N	6	1.52
(1,27)	2:X:11:DA:P	1:B:9:TRP:NE1	6	1.52
(1,27)	2:X:11:DA:P	1:B:9:TRP:O	6	1.52
(1,27)	2:X:11:DA:P	1:B:10:GLY:C	6	1.52
(1,27)	2:X:11:DA:P	1:B:10:GLY:CA	6	1.52
(1,27)	2:X:11:DA:P	1:B:10:GLY:H	6	1.52
(1,27)	2:X:11:DA:P	1:B:10:GLY:N	6	1.52
(1,27)	2:X:11:DA:P	1:B:10:GLY:O	6	1.52
(1,27)	2:X:11:DA:P	1:B:11:ASN:C	6	1.52
(1,27)	2:X:11:DA:P	1:B:11:ASN:CA	6	1.52
(1,27)	2:X:11:DA:P	1:B:11:ASN:CB	6	1.52
(1,27)	2:X:11:DA:P	1:B:11:ASN:CG	6	1.52
(1,27)	2:X:11:DA:P	1:B:11:ASN:H	6	1.52
(1,27)	2:X:11:DA:P	1:B:11:ASN:HD21	6	1.52
(1,27)	2:X:11:DA:P	1:B:11:ASN:HD22	6	1.52
(1,27)	2:X:11:DA:P	1:B:11:ASN:N	6	1.52
(1,27)	2:X:11:DA:P	1:B:11:ASN:ND2	6	1.52
(1,27)	2:X:11:DA:P	1:B:11:ASN:O	6	1.52
(1,27)	2:X:11:DA:P	1:B:11:ASN:OD1	6	1.52
(1,27)	2:X:11:DA:P	1:B:12:SER:C	6	1.52
(1,27)	2:X:11:DA:P	1:B:12:SER:CA	6	1.52
(1,27)	2:X:11:DA:P	1:B:12:SER:CB	6	1.52
(1,27)	2:X:11:DA:P	1:B:12:SER:H	6	1.52
(1,27)	2:X:11:DA:P	1:B:12:SER:HG	6	1.52
(1,27)	2:X:11:DA:P	1:B:12:SER:N	6	1.52
(1,27)	2:X:11:DA:P	1:B:12:SER:O	6	1.52
(1,27)	2:X:11:DA:P	1:B:12:SER:OG	6	1.52
(1,27)	2:X:11:DA:P	1:B:16:ARG:C	6	1.52
(1,27)	2:X:11:DA:P	1:B:16:ARG:CA	6	1.52
(1,27)	2:X:11:DA:P	1:B:16:ARG:CB	6	1.52
(1,27)	2:X:11:DA:P	1:B:16:ARG:CD	6	1.52
(1,27)	2:X:11:DA:P	1:B:16:ARG:CG	6	1.52
(1,27)	2:X:11:DA:P	1:B:16:ARG:CZ	6	1.52
(1,27)	2:X:11:DA:P	1:B:16:ARG:H	6	1.52
(1,27)	2:X:11:DA:P	1:B:16:ARG:HE	6	1.52
(1,27)	2:X:11:DA:P	1:B:16:ARG:HH11	6	1.52
(1,27)	2:X:11:DA:P	1:B:16:ARG:HH12	6	1.52
(1,27)	2:X:11:DA:P	1:B:16:ARG:HH21	6	1.52
(1,27)	2:X:11:DA:P	1:B:16:ARG:HH22	6	1.52
(1,27)	2:X:11:DA:P	1:B:16:ARG:N	6	1.52
(1,27)	2:X:11:DA:P	1:B:16:ARG:NE	6	1.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:P	1:B:16:ARG:NH1	6	1.52
(1,27)	2:X:11:DA:P	1:B:16:ARG:NH2	6	1.52
(1,27)	2:X:11:DA:P	1:B:16:ARG:O	6	1.52
(1,27)	2:X:11:DA:P	1:B:18:PRO:C	6	1.52
(1,27)	2:X:11:DA:P	1:B:18:PRO:CA	6	1.52
(1,27)	2:X:11:DA:P	1:B:18:PRO:CB	6	1.52
(1,27)	2:X:11:DA:P	1:B:18:PRO:CD	6	1.52
(1,27)	2:X:11:DA:P	1:B:18:PRO:CG	6	1.52
(1,27)	2:X:11:DA:P	1:B:18:PRO:N	6	1.52
(1,27)	2:X:11:DA:P	1:B:18:PRO:O	6	1.52
(1,27)	2:X:11:DA:P	1:B:19:ALA:C	6	1.52
(1,27)	2:X:11:DA:P	1:B:19:ALA:CA	6	1.52
(1,27)	2:X:11:DA:P	1:B:19:ALA:CB	6	1.52
(1,27)	2:X:11:DA:P	1:B:19:ALA:H	6	1.52
(1,27)	2:X:11:DA:P	1:B:19:ALA:N	6	1.52
(1,27)	2:X:11:DA:P	1:B:19:ALA:O	6	1.52
(1,27)	2:X:11:DA:P	1:B:20:THR:C	6	1.52
(1,27)	2:X:11:DA:P	1:B:20:THR:CA	6	1.52
(1,27)	2:X:11:DA:P	1:B:20:THR:CB	6	1.52
(1,27)	2:X:11:DA:P	1:B:20:THR:CG2	6	1.52
(1,27)	2:X:11:DA:P	1:B:20:THR:H	6	1.52
(1,27)	2:X:11:DA:P	1:B:20:THR:HG1	6	1.52
(1,27)	2:X:11:DA:P	1:B:20:THR:N	6	1.52
(1,27)	2:X:11:DA:P	1:B:20:THR:O	6	1.52
(1,27)	2:X:11:DA:P	1:B:20:THR:OG1	6	1.52
(1,34)	3:Y:11:DT:C1 [?]	1:A:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:7:LYS:CE	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C1 [?]	1:A:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:10:GLY:C	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C1'	1:A:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:C1'	1:A:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:C1'	1:A:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:C1'	1:A:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:C1'	1:A:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:C1'	1:A:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:C1'	1:A:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:C1'	1:A:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:C1'	1:A:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:C1'	1:A:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:C1'	1:A:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:C1'	1:A:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:C1'	1:A:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:C1'	1:A:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:C1'	1:A:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:C1'	1:A:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:C1'	1:A:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:C1'	1:A:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:C1'	1:A:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:C1'	1:A:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:C1'	1:A:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:C1'	1:A:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:C1'	1:A:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:C1'	1:A:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:C1'	1:A:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:C1'	1:A:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:C1'	1:A:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:C1'	1:A:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:C1'	1:A:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:C1'	1:A:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:C1'	1:A:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:C1'	1:A:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:C1'	1:A:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:C1'	1:A:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:C1'	1:A:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:C1'	1:A:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:C1'	1:A:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:C1'	1:A:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:C1'	1:A:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:C1'	1:A:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:C1'	1:A:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:C1'	1:A:18:PRO:CA	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C1 [?]	1:A:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:A:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:B:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:B:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:B:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:B:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:B:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:B:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:B:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:B:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:B:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:B:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:B:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:B:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:B:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:B:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:B:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:B:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:B:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:B:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:B:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:B:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:B:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:C1 [?]	1:B:7:LYS:HZ3	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C1'	1:B:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:11:ASN:C	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C1'	1:B:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:18:PRO:O	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C1'	1:B:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:C1'	1:B:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:CA	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:11:ASN:HD21	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C2	1:A:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:19:ALA:N	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C2	1:A:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:C2	1:A:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:H	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:11:ASN:OD1	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C2	1:B:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:20:THR:CG2	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C2	1:B:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:C2	1:B:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:C2 [?]	1:A:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:C2 [?]	1:A:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:C2 [?]	1:A:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:C2 [?]	1:A:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:C2 [?]	1:A:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:C2 [?]	1:A:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:C2 [?]	1:A:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:C2 [?]	1:A:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:C2 [?]	1:A:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:C2 [?]	1:A:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:C2 [?]	1:A:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:C2 [?]	1:A:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:C2 [?]	1:A:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:C2 [?]	1:A:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:C2 [?]	1:A:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:C2 [?]	1:A:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:C2 [?]	1:A:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:C2 [?]	1:A:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:C2 [?]	1:A:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:C2 [?]	1:A:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:C2 [?]	1:A:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:C2 [?]	1:A:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:C2 [?]	1:A:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:C2 [?]	1:A:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:C2 [?]	1:A:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:C2 [?]	1:A:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:C2 [?]	1:A:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:C2 [?]	1:A:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:C2 [?]	1:A:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:C2 [?]	1:A:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:C2 [?]	1:A:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:C2 [?]	1:A:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:C2 [?]	1:A:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:C2 [?]	1:A:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:C2 [?]	1:A:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:C2 [?]	1:A:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:C2 [?]	1:A:8:ARG:HH22	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C2'	1:A:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:12:SER:HG	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C2'	1:A:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:C2'	1:A:20:THR:OG1	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C2'	1:B:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:8:ARG:O	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C2'	1:B:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:CA	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:C2'	1:B:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:3:HIS:CE1	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C3'	1:A:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:9:TRP:CD2	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C3'	1:A:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:C3'	1:A:16:ARG:H	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C3 [?]	1:A:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:A:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:A:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:A:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:A:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:A:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:A:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:A:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:A:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:A:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:A:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:A:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:A:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:A:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:A:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:A:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:A:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:A:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:A:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:A:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:A:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:A:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:A:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:A:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:A:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:A:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:A:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:A:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:A:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:A:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:A:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:A:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:3:HIS:ND1	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C3 [?]	1:B:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:C3 [?]	1:B:9:TRP:CZ2	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C3'	1:B:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:HH22	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:C3'	1:B:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:7:LYS:CB	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C4	1:A:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:9:TRP:NE1	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C4	1:A:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:16:ARG:O	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C4	1:A:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:C4	1:A:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:7:LYS:HZ1	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C4	1:B:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:10:GLY:N	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C4	1:B:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:18:PRO:CG	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C4	1:B:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:C4	1:B:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:C4 [?]	1:A:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:C4 [?]	1:A:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:C4 [?]	1:A:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:C4 [?]	1:A:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:C4 [?]	1:A:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:C4 [?]	1:A:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:C4 [?]	1:A:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:C4 [?]	1:A:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:C4 [?]	1:A:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:C4 [?]	1:A:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:C4 [?]	1:A:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:C4 [?]	1:A:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:C4 [?]	1:A:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:C4 [?]	1:A:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:C4 [?]	1:A:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:C4 [?]	1:A:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:C4 [?]	1:A:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:C4 [?]	1:A:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:C4 [?]	1:A:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:C4 [?]	1:A:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:C4 [?]	1:A:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:C4 [?]	1:A:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:C4 [?]	1:A:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:C4 [?]	1:A:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:C4 [?]	1:A:7:LYS:O	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:11:ASN:CG	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C4'	1:A:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:19:ALA:CB	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C4'	1:A:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:C4'	1:A:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:CG	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:11:ASN:ND2	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C4'	1:B:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:20:THR:CA	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C4'	1:B:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:C4'	1:B:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:HH12	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:12:SER:CB	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C5	1:A:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:20:THR:N	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C5	1:A:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:C5	1:A:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:NH1	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:12:SER:OG	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:C5	1:B:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:C5'	1:A:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:C5'	1:A:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:C5'	1:A:3:HIS:CB	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C5 ^γ	1:A:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:9:TRP:CB	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C5 ^γ	1:A:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:16:ARG:CG	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C5 ^γ	1:A:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:A:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:B:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:B:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:B:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:B:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:B:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:B:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:B:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:B:3:HIS:HD1	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C5 ^γ	1:B:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:B:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:B:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:B:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:B:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:B:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:B:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:B:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:B:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:B:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:B:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:B:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:B:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:B:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:B:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:B:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:B:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:B:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:B:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:B:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:B:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:B:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:B:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:B:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:B:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:B:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:B:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:B:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:B:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:B:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:B:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:B:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:B:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:B:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:B:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:B:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:B:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:B:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:B:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:B:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:B:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:C5 ^γ	1:B:9:TRP:CG	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C5'	1:B:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:16:ARG:HH12	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C5'	1:B:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:C5'	1:B:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:7:LYS:C	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C6	1:A:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:9:TRP:HE1	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C6	1:A:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:NH1	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:C6	1:A:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:7:LYS:CG	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C6	1:B:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:10:GLY:CA	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C6	1:B:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:18:PRO:CB	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C6	1:B:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:C6	1:B:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:7:LYS:N	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C7	1:A:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:11:ASN:CA	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C7	1:A:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:19:ALA:C	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C7	1:A:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:C7	1:A:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:CB	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:11:ASN:HD22	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C7	1:B:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:19:ALA:O	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:C7	1:B:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:C7	1:B:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:HE	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:12:SER:C	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H1?	1:A:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:H1?	1:A:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:H1?	1:A:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:H1?	1:A:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:H1?	1:A:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:H1?	1:A:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:H1?	1:A:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:H1?	1:A:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:H1?	1:A:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:H1?	1:A:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:H1?	1:A:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:H1?	1:A:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:H1?	1:A:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:H1?	1:A:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:H1?	1:A:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:H1?	1:A:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:H1?	1:A:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:H1?	1:A:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:H1?	1:A:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:H1?	1:A:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:H1?	1:A:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:H1?	1:A:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:H1?	1:A:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:H1?	1:A:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:H1?	1:A:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:H1?	1:A:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:H1?	1:A:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:H1?	1:A:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:H1?	1:A:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:H1?	1:A:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:H1?	1:A:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:H1?	1:A:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:H1?	1:A:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:H1?	1:A:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:H1?	1:A:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:H1?	1:A:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:H1?	1:A:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:H1?	1:A:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:H1?	1:A:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:H1?	1:A:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:H1?	1:A:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:H1?	1:A:20:THR:H	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H1 [?]	1:A:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:A:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:N	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:12:SER:N	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H1 [?]	1:B:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:H1 [?]	1:B:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:3:HIS:C	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H2 [?]	1:A:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:9:TRP:C	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H2 [?]	1:A:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:CB	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:A:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:3:HIS:CG	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H2 [?]	1:B:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:9:TRP:CE2	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H2 [?]	1:B:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:H2 [?]	1:B:16:ARG:HE	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H2 ^o	1:B:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:H2 ^o	1:B:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:H2 ^o	1:B:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:H2 ^o	1:B:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:H2 ^o	1:B:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:H2 ^o	1:B:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:H2 ^o	1:B:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:H2 ^o	1:B:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:H2 ^o	1:B:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:H2 ^o	1:B:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:H2 ^o	1:B:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:H2 ^o	1:B:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:H2 ^o	1:B:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:H2 ^o	1:B:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:H2 ^o	1:B:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:H2 ^o	1:B:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:H2 ^o	1:B:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:H2 ^o	1:B:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:H2 ^o	1:B:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:H2 ^o	1:B:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:H2 ^o	1:B:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:H2 ^o	1:B:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:H2 ^o	1:B:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:H2 ^o	1:B:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:H2 ^o	1:B:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:H2 ^o	1:B:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:H2 ^o	1:B:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:H2 ^o	1:B:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:H2 ^o	1:B:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:H2 ^o	1:B:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:H2 ^o	1:B:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:H2 ^o	1:A:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:H2 ^o	1:A:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:H2 ^o	1:A:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:H2 ^o	1:A:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:H2 ^o	1:A:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:H2 ^o	1:A:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:H2 ^o	1:A:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:H2 ^o	1:A:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:H2 ^o	1:A:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:H2 ^o	1:A:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:H2 ^o	1:A:3:HIS:NE2	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H2''	1:A:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:9:TRP:CZ3	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H2''	1:A:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:N	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:H2''	1:A:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:7:LYS:CD	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H2''	1:B:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:9:TRP:O	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H2''	1:B:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:18:PRO:C	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H2''	1:B:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:H2''	1:B:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:7:LYS:HZ2	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H3	1:A:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:10:GLY:O	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H3	1:A:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:18:PRO:N	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H3	1:A:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:H3	1:A:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:C	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:11:ASN:H	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H3	1:B:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:19:ALA:H	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H3	1:B:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:H3	1:B:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:8:ARG:CZ	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H3 [?]	1:A:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:11:ASN:O	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H3 [?]	1:A:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:20:THR:CB	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H3 [?]	1:A:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:A:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:8:ARG:HH21	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H3 [?]	1:B:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:12:SER:H	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H3 [?]	1:B:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:H3 [?]	1:B:20:THR:O	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H3 [?]	1:B:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:NH2	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H4 [?]	1:A:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:C	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:A:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:3:HIS:CD2	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H4 [?]	1:B:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:9:TRP:CD1	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H4 [?]	1:B:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:16:ARG:CZ	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H4 [?]	1:B:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:H4 [?]	1:B:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:3:HIS:N	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H5 ⁷	1:A:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:A:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:A:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:A:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:A:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:A:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:A:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:A:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:A:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:A:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:A:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:A:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:A:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:A:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:A:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:A:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:A:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:A:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:A:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:A:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:A:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:A:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:A:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:A:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:A:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:A:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:A:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:A:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:A:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:A:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:A:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:A:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:A:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:A:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:A:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:A:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:A:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:A:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:A:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:A:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:A:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:A:9:TRP:CH2	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H5 [?]	1:A:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:A:16:ARG:HH21	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H5 ^γ	1:A:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:H5 ^γ	1:A:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:H5 ^γ	1:A:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:H5 ^γ	1:A:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:H5 ^γ	1:A:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:H5 ^γ	1:A:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:H5 ^γ	1:A:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:H5 ^γ	1:A:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:H5 ^γ	1:A:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:H5 ^γ	1:A:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:H5 ^γ	1:A:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:H5 ^γ	1:A:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:H5 ^γ	1:A:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:H5 ^γ	1:A:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:H5 ^γ	1:A:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:H5 ^γ	1:A:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:H5 ^γ	1:A:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:H5 ^γ	1:A:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:H5 ^γ	1:A:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:H5 ^γ	1:A:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:H5 ^γ	1:A:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:H5 ^γ	1:A:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:H5 ^γ	1:A:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:H5 ^γ	1:A:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:H5 ^γ	1:A:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:H5 ^γ	1:A:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:H5 ^γ	1:A:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:H5 ^γ	1:A:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:H5 ^γ	1:B:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:H5 ^γ	1:B:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:H5 ^γ	1:B:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:H5 ^γ	1:B:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:H5 ^γ	1:B:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:H5 ^γ	1:B:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:H5 ^γ	1:B:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:H5 ^γ	1:B:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:H5 ^γ	1:B:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:H5 ^γ	1:B:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:H5 ^γ	1:B:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:H5 ^γ	1:B:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:H5 ^γ	1:B:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:H5 ^γ	1:B:7:LYS:CA	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H5 ⁷	1:B:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:B:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:B:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:B:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:B:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:B:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:B:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:B:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:B:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:B:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:B:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:B:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:B:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:B:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:B:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:B:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:B:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:B:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:B:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:B:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:B:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:B:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:B:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:B:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:B:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:B:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:B:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:B:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:B:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:B:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:B:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:B:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:B:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:B:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:B:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:B:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:B:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:B:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:B:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:B:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:B:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:H5 ⁷	1:B:9:TRP:N	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H5 [?]	1:B:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:B:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:B:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:B:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:B:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:B:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:B:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:B:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:B:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:B:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:B:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:B:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:B:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:B:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:B:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:B:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:B:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:B:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:B:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:B:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:B:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:B:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:B:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:B:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:B:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:B:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:B:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:B:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:B:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:B:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:B:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:B:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:B:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:B:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:B:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:B:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:B:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:B:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:B:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:B:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:B:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:H5 [?]	1:B:16:ARG:NH2	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H5'	1:B:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:H5'	1:B:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:H5'	1:B:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:H5'	1:B:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:H5'	1:B:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:H5'	1:B:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:H5'	1:B:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:H5'	1:B:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:H5'	1:B:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:H5'	1:B:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:H5'	1:B:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:H5'	1:B:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:H5'	1:B:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:H5'	1:B:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:H5'	1:B:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:H5'	1:B:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:H5'	1:B:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:H5'	1:B:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:H5'	1:B:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:H5'	1:B:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:H5'	1:B:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:H5'	1:B:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:H5'	1:B:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:7:LYS:H	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H5''	1:A:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:10:GLY:H	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H5''	1:A:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:18:PRO:CD	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H5''	1:A:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:H5''	1:A:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:7:LYS:NZ	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H5''	1:B:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:11:ASN:CB	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H5''	1:B:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:19:ALA:CA	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H5''	1:B:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:H5''	1:B:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:CD	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:11:ASN:N	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H6	1:A:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:20:THR:C	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H6	1:A:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:H6	1:A:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:HH11	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:12:SER:CA	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H6	1:B:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:20:THR:HG1	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H6	1:B:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:H6	1:B:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:NE	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:12:SER:O	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H71	1:A:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:H71	1:A:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:3:HIS:CA	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H71	1:B:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:9:TRP:CA	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H71	1:B:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:CD	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:H71	1:B:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:3:HIS:H	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H72	1:A:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:9:TRP:CE3	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H72	1:A:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:HH11	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:H72	1:A:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:3:HIS:O	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H72	1:B:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:9:TRP:H	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H72	1:B:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:NE	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:H72	1:B:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:7:LYS:CE	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H73	1:A:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:10:GLY:C	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H73	1:A:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:18:PRO:CA	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H73	1:A:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:H73	1:A:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:7:LYS:HZ3	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H73	1:B:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:11:ASN:C	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H73	1:B:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:18:PRO:O	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:H73	1:B:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:H73	1:B:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:CA	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:11:ASN:HD21	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:N1	1:A:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:19:ALA:N	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:N1	1:A:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:N1	1:A:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:H	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:11:ASN:OD1	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:N1	1:B:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:20:THR:CG2	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:N1	1:B:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:N1	1:B:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:HH22	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:12:SER:HG	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:N3	1:A:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:N3	1:A:20:THR:OG1	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:N3	1:B:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:8:ARG:O	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:N3	1:B:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:CA	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:N3	1:B:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:3:HIS:CE1	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O2	1:A:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:9:TRP:CD2	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O2	1:A:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:H	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:O2	1:A:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:3:HIS:ND1	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O2	1:B:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:9:TRP:CZ2	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O2	1:B:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:HH22	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:O2	1:B:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:7:LYS:CB	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O3'	1:A:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:9:TRP:NE1	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O3'	1:A:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:16:ARG:O	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O3'	1:A:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:O3'	1:A:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:7:LYS:HZ1	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O3'	1:B:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:10:GLY:N	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O3'	1:B:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:18:PRO:CG	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O3'	1:B:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:O3'	1:B:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:7:LYS:O	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:11:ASN:CG	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O4	1:A:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:19:ALA:CB	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O4	1:A:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:O4	1:A:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:CG	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:11:ASN:ND2	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O4	1:B:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:20:THR:CA	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O4	1:B:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:O4	1:B:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:O4 [?]	1:A:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:O4 [?]	1:A:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:O4 [?]	1:A:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:O4 [?]	1:A:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:O4 [?]	1:A:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:O4 [?]	1:A:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:O4 [?]	1:A:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:O4 [?]	1:A:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:O4 [?]	1:A:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:O4 [?]	1:A:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:O4 [?]	1:A:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:O4 [?]	1:A:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:O4 [?]	1:A:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:O4 [?]	1:A:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:O4 [?]	1:A:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:O4 [?]	1:A:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:O4 [?]	1:A:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:O4 [?]	1:A:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:O4 [?]	1:A:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:O4 [?]	1:A:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:O4 [?]	1:A:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:O4 [?]	1:A:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:O4 [?]	1:A:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:O4 [?]	1:A:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:O4 [?]	1:A:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:O4 [?]	1:A:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:O4 [?]	1:A:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:O4 [?]	1:A:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:O4 [?]	1:A:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:O4 [?]	1:A:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:O4 [?]	1:A:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:O4 [?]	1:A:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:O4 [?]	1:A:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:O4 [?]	1:A:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:O4 [?]	1:A:8:ARG:HH12	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O4'	1:A:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:12:SER:CB	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O4'	1:A:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:20:THR:N	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O4'	1:A:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:O4'	1:A:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:NH1	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:12:SER:OG	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:O4'	1:B:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:3:HIS:CB	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O5'	1:A:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:9:TRP:CB	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O5'	1:A:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:CG	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:O5'	1:A:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:3:HIS:HD1	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O5'	1:B:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:9:TRP:CG	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O5'	1:B:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:HH12	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:O5'	1:B:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:7:LYS:C	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:OP1	1:A:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:9:TRP:HE1	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:OP1	1:A:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:NH1	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:OP1	1:A:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:7:LYS:CG	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:OP1	1:B:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:10:GLY:CA	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:OP1	1:B:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:18:PRO:CB	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:OP1	1:B:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:OP1	1:B:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:7:LYS:N	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:OP2	1:A:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:11:ASN:CA	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:OP2	1:A:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:19:ALA:C	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:OP2	1:A:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:OP2	1:A:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:CB	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:11:ASN:HD22	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:OP2	1:B:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:19:ALA:O	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:OP2	1:B:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:OP2	1:B:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:P	1:A:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:P	1:A:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:P	1:A:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:P	1:A:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:P	1:A:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:P	1:A:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:P	1:A:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:P	1:A:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:P	1:A:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:P	1:A:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:P	1:A:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:P	1:A:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:P	1:A:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:P	1:A:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:P	1:A:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:P	1:A:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:P	1:A:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:P	1:A:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:P	1:A:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:P	1:A:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:P	1:A:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:P	1:A:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:P	1:A:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:P	1:A:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:P	1:A:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:P	1:A:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:P	1:A:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:P	1:A:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:P	1:A:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:P	1:A:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:P	1:A:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:P	1:A:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:P	1:A:8:ARG:HE	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:P	1:A:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:P	1:A:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:P	1:A:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:P	1:A:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:P	1:A:8:ARG:N	3	1.47
(1,34)	3:Y:11:DT:P	1:A:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:P	1:A:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:P	1:A:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:P	1:A:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:P	1:A:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:P	1:A:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:P	1:A:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:P	1:A:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:P	1:A:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:P	1:A:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:P	1:A:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:P	1:A:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:P	1:A:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:P	1:A:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:P	1:A:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:P	1:A:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:P	1:A:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:P	1:A:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:P	1:A:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:P	1:A:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:P	1:A:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:P	1:A:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:P	1:A:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:P	1:A:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:P	1:A:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:P	1:A:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:P	1:A:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:P	1:A:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:P	1:A:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:P	1:A:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:P	1:A:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:P	1:A:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:P	1:A:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:P	1:A:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:P	1:A:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:P	1:A:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:P	1:A:12:SER:C	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:P	1:A:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:P	1:A:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:P	1:A:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:P	1:A:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:P	1:A:12:SER:N	3	1.47
(1,34)	3:Y:11:DT:P	1:A:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:P	1:A:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:P	1:A:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:P	1:A:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:P	1:A:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:P	1:A:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:P	1:A:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:P	1:A:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:P	1:A:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:P	1:A:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:P	1:A:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:P	1:A:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:P	1:A:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:P	1:A:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:P	1:A:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:P	1:A:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:P	1:A:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:P	1:A:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:P	1:A:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:P	1:A:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:P	1:A:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:P	1:A:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:P	1:A:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:P	1:A:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:P	1:A:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:P	1:A:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:P	1:A:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:P	1:A:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:P	1:A:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:P	1:A:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:P	1:A:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:P	1:A:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:P	1:A:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:P	1:A:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:P	1:A:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:P	1:A:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:P	1:A:20:THR:H	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:P	1:A:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:P	1:A:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:P	1:A:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:P	1:A:20:THR:OG1	3	1.47
(1,34)	3:Y:11:DT:P	1:B:3:HIS:C	3	1.47
(1,34)	3:Y:11:DT:P	1:B:3:HIS:CA	3	1.47
(1,34)	3:Y:11:DT:P	1:B:3:HIS:CB	3	1.47
(1,34)	3:Y:11:DT:P	1:B:3:HIS:CD2	3	1.47
(1,34)	3:Y:11:DT:P	1:B:3:HIS:CE1	3	1.47
(1,34)	3:Y:11:DT:P	1:B:3:HIS:CG	3	1.47
(1,34)	3:Y:11:DT:P	1:B:3:HIS:H	3	1.47
(1,34)	3:Y:11:DT:P	1:B:3:HIS:HD1	3	1.47
(1,34)	3:Y:11:DT:P	1:B:3:HIS:N	3	1.47
(1,34)	3:Y:11:DT:P	1:B:3:HIS:ND1	3	1.47
(1,34)	3:Y:11:DT:P	1:B:3:HIS:NE2	3	1.47
(1,34)	3:Y:11:DT:P	1:B:3:HIS:O	3	1.47
(1,34)	3:Y:11:DT:P	1:B:7:LYS:C	3	1.47
(1,34)	3:Y:11:DT:P	1:B:7:LYS:CA	3	1.47
(1,34)	3:Y:11:DT:P	1:B:7:LYS:CB	3	1.47
(1,34)	3:Y:11:DT:P	1:B:7:LYS:CD	3	1.47
(1,34)	3:Y:11:DT:P	1:B:7:LYS:CE	3	1.47
(1,34)	3:Y:11:DT:P	1:B:7:LYS:CG	3	1.47
(1,34)	3:Y:11:DT:P	1:B:7:LYS:H	3	1.47
(1,34)	3:Y:11:DT:P	1:B:7:LYS:HZ1	3	1.47
(1,34)	3:Y:11:DT:P	1:B:7:LYS:HZ2	3	1.47
(1,34)	3:Y:11:DT:P	1:B:7:LYS:HZ3	3	1.47
(1,34)	3:Y:11:DT:P	1:B:7:LYS:N	3	1.47
(1,34)	3:Y:11:DT:P	1:B:7:LYS:NZ	3	1.47
(1,34)	3:Y:11:DT:P	1:B:7:LYS:O	3	1.47
(1,34)	3:Y:11:DT:P	1:B:8:ARG:C	3	1.47
(1,34)	3:Y:11:DT:P	1:B:8:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:P	1:B:8:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:P	1:B:8:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:P	1:B:8:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:P	1:B:8:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:P	1:B:8:ARG:H	3	1.47
(1,34)	3:Y:11:DT:P	1:B:8:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:P	1:B:8:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:P	1:B:8:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:P	1:B:8:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:P	1:B:8:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:P	1:B:8:ARG:N	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:P	1:B:8:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:P	1:B:8:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:P	1:B:8:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:P	1:B:8:ARG:O	3	1.47
(1,34)	3:Y:11:DT:P	1:B:9:TRP:C	3	1.47
(1,34)	3:Y:11:DT:P	1:B:9:TRP:CA	3	1.47
(1,34)	3:Y:11:DT:P	1:B:9:TRP:CB	3	1.47
(1,34)	3:Y:11:DT:P	1:B:9:TRP:CD1	3	1.47
(1,34)	3:Y:11:DT:P	1:B:9:TRP:CD2	3	1.47
(1,34)	3:Y:11:DT:P	1:B:9:TRP:CE2	3	1.47
(1,34)	3:Y:11:DT:P	1:B:9:TRP:CE3	3	1.47
(1,34)	3:Y:11:DT:P	1:B:9:TRP:CG	3	1.47
(1,34)	3:Y:11:DT:P	1:B:9:TRP:CH2	3	1.47
(1,34)	3:Y:11:DT:P	1:B:9:TRP:CZ2	3	1.47
(1,34)	3:Y:11:DT:P	1:B:9:TRP:CZ3	3	1.47
(1,34)	3:Y:11:DT:P	1:B:9:TRP:H	3	1.47
(1,34)	3:Y:11:DT:P	1:B:9:TRP:HE1	3	1.47
(1,34)	3:Y:11:DT:P	1:B:9:TRP:N	3	1.47
(1,34)	3:Y:11:DT:P	1:B:9:TRP:NE1	3	1.47
(1,34)	3:Y:11:DT:P	1:B:9:TRP:O	3	1.47
(1,34)	3:Y:11:DT:P	1:B:10:GLY:C	3	1.47
(1,34)	3:Y:11:DT:P	1:B:10:GLY:CA	3	1.47
(1,34)	3:Y:11:DT:P	1:B:10:GLY:H	3	1.47
(1,34)	3:Y:11:DT:P	1:B:10:GLY:N	3	1.47
(1,34)	3:Y:11:DT:P	1:B:10:GLY:O	3	1.47
(1,34)	3:Y:11:DT:P	1:B:11:ASN:C	3	1.47
(1,34)	3:Y:11:DT:P	1:B:11:ASN:CA	3	1.47
(1,34)	3:Y:11:DT:P	1:B:11:ASN:CB	3	1.47
(1,34)	3:Y:11:DT:P	1:B:11:ASN:CG	3	1.47
(1,34)	3:Y:11:DT:P	1:B:11:ASN:H	3	1.47
(1,34)	3:Y:11:DT:P	1:B:11:ASN:HD21	3	1.47
(1,34)	3:Y:11:DT:P	1:B:11:ASN:HD22	3	1.47
(1,34)	3:Y:11:DT:P	1:B:11:ASN:N	3	1.47
(1,34)	3:Y:11:DT:P	1:B:11:ASN:ND2	3	1.47
(1,34)	3:Y:11:DT:P	1:B:11:ASN:O	3	1.47
(1,34)	3:Y:11:DT:P	1:B:11:ASN:OD1	3	1.47
(1,34)	3:Y:11:DT:P	1:B:12:SER:C	3	1.47
(1,34)	3:Y:11:DT:P	1:B:12:SER:CA	3	1.47
(1,34)	3:Y:11:DT:P	1:B:12:SER:CB	3	1.47
(1,34)	3:Y:11:DT:P	1:B:12:SER:H	3	1.47
(1,34)	3:Y:11:DT:P	1:B:12:SER:HG	3	1.47
(1,34)	3:Y:11:DT:P	1:B:12:SER:N	3	1.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,34)	3:Y:11:DT:P	1:B:12:SER:O	3	1.47
(1,34)	3:Y:11:DT:P	1:B:12:SER:OG	3	1.47
(1,34)	3:Y:11:DT:P	1:B:16:ARG:C	3	1.47
(1,34)	3:Y:11:DT:P	1:B:16:ARG:CA	3	1.47
(1,34)	3:Y:11:DT:P	1:B:16:ARG:CB	3	1.47
(1,34)	3:Y:11:DT:P	1:B:16:ARG:CD	3	1.47
(1,34)	3:Y:11:DT:P	1:B:16:ARG:CG	3	1.47
(1,34)	3:Y:11:DT:P	1:B:16:ARG:CZ	3	1.47
(1,34)	3:Y:11:DT:P	1:B:16:ARG:H	3	1.47
(1,34)	3:Y:11:DT:P	1:B:16:ARG:HE	3	1.47
(1,34)	3:Y:11:DT:P	1:B:16:ARG:HH11	3	1.47
(1,34)	3:Y:11:DT:P	1:B:16:ARG:HH12	3	1.47
(1,34)	3:Y:11:DT:P	1:B:16:ARG:HH21	3	1.47
(1,34)	3:Y:11:DT:P	1:B:16:ARG:HH22	3	1.47
(1,34)	3:Y:11:DT:P	1:B:16:ARG:N	3	1.47
(1,34)	3:Y:11:DT:P	1:B:16:ARG:NE	3	1.47
(1,34)	3:Y:11:DT:P	1:B:16:ARG:NH1	3	1.47
(1,34)	3:Y:11:DT:P	1:B:16:ARG:NH2	3	1.47
(1,34)	3:Y:11:DT:P	1:B:16:ARG:O	3	1.47
(1,34)	3:Y:11:DT:P	1:B:18:PRO:C	3	1.47
(1,34)	3:Y:11:DT:P	1:B:18:PRO:CA	3	1.47
(1,34)	3:Y:11:DT:P	1:B:18:PRO:CB	3	1.47
(1,34)	3:Y:11:DT:P	1:B:18:PRO:CD	3	1.47
(1,34)	3:Y:11:DT:P	1:B:18:PRO:CG	3	1.47
(1,34)	3:Y:11:DT:P	1:B:18:PRO:N	3	1.47
(1,34)	3:Y:11:DT:P	1:B:18:PRO:O	3	1.47
(1,34)	3:Y:11:DT:P	1:B:19:ALA:C	3	1.47
(1,34)	3:Y:11:DT:P	1:B:19:ALA:CA	3	1.47
(1,34)	3:Y:11:DT:P	1:B:19:ALA:CB	3	1.47
(1,34)	3:Y:11:DT:P	1:B:19:ALA:H	3	1.47
(1,34)	3:Y:11:DT:P	1:B:19:ALA:N	3	1.47
(1,34)	3:Y:11:DT:P	1:B:19:ALA:O	3	1.47
(1,34)	3:Y:11:DT:P	1:B:20:THR:C	3	1.47
(1,34)	3:Y:11:DT:P	1:B:20:THR:CA	3	1.47
(1,34)	3:Y:11:DT:P	1:B:20:THR:CB	3	1.47
(1,34)	3:Y:11:DT:P	1:B:20:THR:CG2	3	1.47
(1,34)	3:Y:11:DT:P	1:B:20:THR:H	3	1.47
(1,34)	3:Y:11:DT:P	1:B:20:THR:HG1	3	1.47
(1,34)	3:Y:11:DT:P	1:B:20:THR:N	3	1.47
(1,34)	3:Y:11:DT:P	1:B:20:THR:O	3	1.47
(1,34)	3:Y:11:DT:P	1:B:20:THR:OG1	3	1.47
(1,27)	2:X:11:DA:C1'	1:A:3:HIS:C	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C1 [?]	1:A:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:9:TRP:C	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C1 ³	1:A:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:A:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:A:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:A:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:A:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:A:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:A:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:A:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:A:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:A:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:A:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:A:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:A:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:A:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:A:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:A:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:A:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:A:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:A:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:A:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:A:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:A:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:A:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:A:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:A:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:A:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:A:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:A:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:A:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:A:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:A:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:A:12:SER:C	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:A:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:A:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:A:12:SER:H	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:A:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:A:12:SER:N	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:A:12:SER:O	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:A:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:A:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:A:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:A:16:ARG:CB	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C1 [?]	1:A:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:20:THR:C	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:20:THR:H	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:20:THR:N	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:20:THR:O	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:A:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:B:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:B:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:B:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:B:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:B:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:B:3:HIS:CG	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C1 ³	1:B:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:9:TRP:CE2	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C1 [?]	1:B:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:B:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:B:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:B:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:B:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:B:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:B:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:B:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:B:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:B:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:B:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:B:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:B:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:B:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:B:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:B:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:B:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:B:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:B:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:B:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:B:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:B:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:B:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:B:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:B:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:B:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:B:12:SER:C	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:B:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:B:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:B:12:SER:H	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:B:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:B:12:SER:N	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:B:12:SER:O	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:B:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:B:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:B:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:B:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:B:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:B:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:B:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:B:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:C1 [?]	1:B:16:ARG:HE	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C1 ³	1:B:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:20:THR:C	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:20:THR:H	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:20:THR:N	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:20:THR:O	7	1.43
(1,27)	2:X:11:DA:C1 ³	1:B:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:C2	1:A:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:C2	1:A:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:C2	1:A:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:C2	1:A:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:C2	1:A:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:C2	1:A:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:C2	1:A:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:C2	1:A:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:C2	1:A:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:C2	1:A:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:C2	1:A:3:HIS:NE2	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C2	1:A:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:C2	1:A:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:C2	1:A:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:C2	1:A:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:C2	1:A:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:C2	1:A:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:C2	1:A:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:C2	1:A:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:C2	1:A:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:C2	1:A:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:C2	1:A:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:C2	1:A:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:C2	1:A:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:C2	1:A:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:C2	1:A:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:C2	1:A:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:C2	1:A:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:C2	1:A:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:C2	1:A:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:C2	1:A:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:C2	1:A:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:C2	1:A:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:C2	1:A:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:C2	1:A:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:C2	1:A:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:C2	1:A:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:C2	1:A:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:C2	1:A:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:C2	1:A:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:C2	1:A:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:C2	1:A:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:C2	1:A:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:C2	1:A:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:C2	1:A:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:C2	1:A:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:C2	1:A:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:C2	1:A:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:C2	1:A:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:C2	1:A:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:C2	1:A:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:C2	1:A:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:C2	1:A:9:TRP:CZ3	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C2	1:A:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:C2	1:A:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:C2	1:A:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:C2	1:A:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:C2	1:A:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:C2	1:A:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:C2	1:A:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:C2	1:A:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:C2	1:A:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:C2	1:A:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:C2	1:A:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:C2	1:A:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:C2	1:A:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:C2	1:A:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:C2	1:A:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:C2	1:A:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:C2	1:A:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:C2	1:A:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:C2	1:A:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:C2	1:A:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:C2	1:A:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:C2	1:A:12:SER:C	7	1.43
(1,27)	2:X:11:DA:C2	1:A:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:C2	1:A:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:C2	1:A:12:SER:H	7	1.43
(1,27)	2:X:11:DA:C2	1:A:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:C2	1:A:12:SER:N	7	1.43
(1,27)	2:X:11:DA:C2	1:A:12:SER:O	7	1.43
(1,27)	2:X:11:DA:C2	1:A:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:C2	1:A:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:C2	1:A:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:C2	1:A:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:C2	1:A:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:C2	1:A:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:C2	1:A:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:C2	1:A:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:C2	1:A:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:C2	1:A:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:C2	1:A:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:C2	1:A:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:C2	1:A:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:C2	1:A:16:ARG:N	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C2	1:A:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:C2	1:A:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:C2	1:A:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:C2	1:A:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:C2	1:A:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:C2	1:A:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:C2	1:A:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:C2	1:A:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:C2	1:A:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:C2	1:A:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:C2	1:A:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:C2	1:A:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:C2	1:A:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:C2	1:A:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:C2	1:A:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:C2	1:A:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:C2	1:A:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:C2	1:A:20:THR:C	7	1.43
(1,27)	2:X:11:DA:C2	1:A:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:C2	1:A:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:C2	1:A:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:C2	1:A:20:THR:H	7	1.43
(1,27)	2:X:11:DA:C2	1:A:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:C2	1:A:20:THR:N	7	1.43
(1,27)	2:X:11:DA:C2	1:A:20:THR:O	7	1.43
(1,27)	2:X:11:DA:C2	1:A:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:C2	1:B:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:C2	1:B:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:C2	1:B:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:C2	1:B:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:C2	1:B:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:C2	1:B:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:C2	1:B:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:C2	1:B:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:C2	1:B:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:C2	1:B:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:C2	1:B:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:C2	1:B:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:C2	1:B:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:C2	1:B:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:C2	1:B:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:C2	1:B:7:LYS:CD	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C2	1:B:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:C2	1:B:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:C2	1:B:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:C2	1:B:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:C2	1:B:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:C2	1:B:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:C2	1:B:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:C2	1:B:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:C2	1:B:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:C2	1:B:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:C2	1:B:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:C2	1:B:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:C2	1:B:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:C2	1:B:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:C2	1:B:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:C2	1:B:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:C2	1:B:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:C2	1:B:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:C2	1:B:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:C2	1:B:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:C2	1:B:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:C2	1:B:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:C2	1:B:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:C2	1:B:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:C2	1:B:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:C2	1:B:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:C2	1:B:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:C2	1:B:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:C2	1:B:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:C2	1:B:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:C2	1:B:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:C2	1:B:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:C2	1:B:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:C2	1:B:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:C2	1:B:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:C2	1:B:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:C2	1:B:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:C2	1:B:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:C2	1:B:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:C2	1:B:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:C2	1:B:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:C2	1:B:9:TRP:O	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C2	1:B:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:C2	1:B:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:C2	1:B:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:C2	1:B:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:C2	1:B:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:C2	1:B:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:C2	1:B:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:C2	1:B:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:C2	1:B:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:C2	1:B:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:C2	1:B:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:C2	1:B:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:C2	1:B:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:C2	1:B:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:C2	1:B:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:C2	1:B:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:C2	1:B:12:SER:C	7	1.43
(1,27)	2:X:11:DA:C2	1:B:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:C2	1:B:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:C2	1:B:12:SER:H	7	1.43
(1,27)	2:X:11:DA:C2	1:B:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:C2	1:B:12:SER:N	7	1.43
(1,27)	2:X:11:DA:C2	1:B:12:SER:O	7	1.43
(1,27)	2:X:11:DA:C2	1:B:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:C2	1:B:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:C2	1:B:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:C2	1:B:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:C2	1:B:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:C2	1:B:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:C2	1:B:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:C2	1:B:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:C2	1:B:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:C2	1:B:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:C2	1:B:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:C2	1:B:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:C2	1:B:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:C2	1:B:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:C2	1:B:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:C2	1:B:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:C2	1:B:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:C2	1:B:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:C2	1:B:18:PRO:C	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C2	1:B:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:C2	1:B:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:C2	1:B:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:C2	1:B:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:C2	1:B:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:C2	1:B:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:C2	1:B:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:C2	1:B:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:C2	1:B:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:C2	1:B:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:C2	1:B:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:C2	1:B:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:C2	1:B:20:THR:C	7	1.43
(1,27)	2:X:11:DA:C2	1:B:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:C2	1:B:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:C2	1:B:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:C2	1:B:20:THR:H	7	1.43
(1,27)	2:X:11:DA:C2	1:B:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:C2	1:B:20:THR:N	7	1.43
(1,27)	2:X:11:DA:C2	1:B:20:THR:O	7	1.43
(1,27)	2:X:11:DA:C2	1:B:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:C2 [?]	1:A:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:C2 [?]	1:A:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:C2 [?]	1:A:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:C2 [?]	1:A:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:C2 [?]	1:A:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:C2 [?]	1:A:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:C2 [?]	1:A:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:C2 [?]	1:A:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:C2 [?]	1:A:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:C2 [?]	1:A:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:C2 [?]	1:A:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:C2 [?]	1:A:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:C2 [?]	1:A:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:C2 [?]	1:A:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:C2 [?]	1:A:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:C2 [?]	1:A:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:C2 [?]	1:A:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:C2 [?]	1:A:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:C2 [?]	1:A:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:C2 [?]	1:A:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:C2 [?]	1:A:7:LYS:HZ2	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C2'	1:A:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:10:GLY:O	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C2'	1:A:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:12:SER:C	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:12:SER:H	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:12:SER:N	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:12:SER:O	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:18:PRO:N	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C2'	1:A:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:20:THR:C	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:20:THR:H	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:20:THR:N	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:20:THR:O	7	1.43
(1,27)	2:X:11:DA:C2'	1:A:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:C	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:11:ASN:H	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C2'	1:B:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:12:SER:C	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:12:SER:H	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:12:SER:N	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:12:SER:O	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:C2'	1:B:19:ALA:H	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C2 ³	1:B:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:C2 ³	1:B:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:C2 ³	1:B:20:THR:C	7	1.43
(1,27)	2:X:11:DA:C2 ³	1:B:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:C2 ³	1:B:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:C2 ³	1:B:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:C2 ³	1:B:20:THR:H	7	1.43
(1,27)	2:X:11:DA:C2 ³	1:B:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:C2 ³	1:B:20:THR:N	7	1.43
(1,27)	2:X:11:DA:C2 ³	1:B:20:THR:O	7	1.43
(1,27)	2:X:11:DA:C2 ³	1:B:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:8:ARG:CZ	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C3'	1:A:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:C3'	1:A:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:C3'	1:A:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:C3'	1:A:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:C3'	1:A:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:C3'	1:A:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:C3'	1:A:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:C3'	1:A:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:C3'	1:A:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:C3'	1:A:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:C3'	1:A:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:C3'	1:A:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:C3'	1:A:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:C3'	1:A:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:C3'	1:A:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:C3'	1:A:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:C3'	1:A:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:C3'	1:A:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:C3'	1:A:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:C3'	1:A:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:C3'	1:A:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:C3'	1:A:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:C3'	1:A:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:C3'	1:A:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:C3'	1:A:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:C3'	1:A:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:C3'	1:A:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:C3'	1:A:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:C3'	1:A:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:C3'	1:A:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:C3'	1:A:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:C3'	1:A:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:C3'	1:A:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:C3'	1:A:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:C3'	1:A:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:C3'	1:A:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:C3'	1:A:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:C3'	1:A:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:C3'	1:A:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:C3'	1:A:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:C3'	1:A:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:C3'	1:A:11:ASN:O	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C3 ³	1:A:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:12:SER:C	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:12:SER:H	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:12:SER:N	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:12:SER:O	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:20:THR:C	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:20:THR:CB	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C3 ³	1:A:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:20:THR:H	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:20:THR:N	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:20:THR:O	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:A:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:B:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:B:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:B:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:B:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:B:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:B:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:B:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:B:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:B:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:B:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:B:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:B:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:B:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:B:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:B:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:B:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:B:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:B:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:B:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:B:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:B:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:B:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:B:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:B:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:B:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:B:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:B:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:B:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:B:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:B:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:B:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:B:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:B:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:B:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:B:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:C3 ³	1:B:8:ARG:HH21	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C3'	1:B:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:12:SER:C	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:12:SER:H	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C3'	1:B:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:12:SER:N	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:12:SER:O	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:20:THR:C	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:20:THR:H	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:20:THR:N	7	1.43
(1,27)	2:X:11:DA:C3'	1:B:20:THR:O	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C3'	1:B:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:C4	1:A:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:C4	1:A:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:C4	1:A:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:C4	1:A:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:C4	1:A:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:C4	1:A:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:C4	1:A:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:C4	1:A:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:C4	1:A:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:C4	1:A:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:C4	1:A:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:C4	1:A:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:C4	1:A:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:C4	1:A:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:C4	1:A:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:C4	1:A:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:C4	1:A:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:C4	1:A:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:C4	1:A:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:C4	1:A:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:C4	1:A:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:C4	1:A:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:C4	1:A:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:C4	1:A:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:C4	1:A:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:C4	1:A:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:C4	1:A:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:C4	1:A:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:C4	1:A:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:C4	1:A:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:C4	1:A:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:C4	1:A:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:C4	1:A:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:C4	1:A:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:C4	1:A:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:C4	1:A:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:C4	1:A:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:C4	1:A:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:C4	1:A:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:C4	1:A:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:C4	1:A:8:ARG:NH2	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C4	1:A:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:C4	1:A:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:C4	1:A:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:C4	1:A:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:C4	1:A:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:C4	1:A:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:C4	1:A:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:C4	1:A:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:C4	1:A:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:C4	1:A:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:C4	1:A:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:C4	1:A:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:C4	1:A:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:C4	1:A:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:C4	1:A:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:C4	1:A:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:C4	1:A:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:C4	1:A:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:C4	1:A:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:C4	1:A:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:C4	1:A:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:C4	1:A:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:C4	1:A:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:C4	1:A:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:C4	1:A:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:C4	1:A:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:C4	1:A:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:C4	1:A:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:C4	1:A:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:C4	1:A:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:C4	1:A:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:C4	1:A:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:C4	1:A:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:C4	1:A:12:SER:C	7	1.43
(1,27)	2:X:11:DA:C4	1:A:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:C4	1:A:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:C4	1:A:12:SER:H	7	1.43
(1,27)	2:X:11:DA:C4	1:A:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:C4	1:A:12:SER:N	7	1.43
(1,27)	2:X:11:DA:C4	1:A:12:SER:O	7	1.43
(1,27)	2:X:11:DA:C4	1:A:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:C4	1:A:16:ARG:C	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C4	1:A:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:C4	1:A:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:C4	1:A:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:C4	1:A:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:C4	1:A:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:C4	1:A:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:C4	1:A:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:C4	1:A:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:C4	1:A:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:C4	1:A:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:C4	1:A:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:C4	1:A:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:C4	1:A:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:C4	1:A:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:C4	1:A:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:C4	1:A:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:C4	1:A:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:C4	1:A:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:C4	1:A:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:C4	1:A:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:C4	1:A:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:C4	1:A:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:C4	1:A:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:C4	1:A:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:C4	1:A:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:C4	1:A:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:C4	1:A:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:C4	1:A:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:C4	1:A:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:C4	1:A:20:THR:C	7	1.43
(1,27)	2:X:11:DA:C4	1:A:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:C4	1:A:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:C4	1:A:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:C4	1:A:20:THR:H	7	1.43
(1,27)	2:X:11:DA:C4	1:A:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:C4	1:A:20:THR:N	7	1.43
(1,27)	2:X:11:DA:C4	1:A:20:THR:O	7	1.43
(1,27)	2:X:11:DA:C4	1:A:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:C4	1:B:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:C4	1:B:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:C4	1:B:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:C4	1:B:3:HIS:CD2	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C4	1:B:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:C4	1:B:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:C4	1:B:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:C4	1:B:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:C4	1:B:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:C4	1:B:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:C4	1:B:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:C4	1:B:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:C4	1:B:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:C4	1:B:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:C4	1:B:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:C4	1:B:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:C4	1:B:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:C4	1:B:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:C4	1:B:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:C4	1:B:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:C4	1:B:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:C4	1:B:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:C4	1:B:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:C4	1:B:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:C4	1:B:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:C4	1:B:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:C4	1:B:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:C4	1:B:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:C4	1:B:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:C4	1:B:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:C4	1:B:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:C4	1:B:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:C4	1:B:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:C4	1:B:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:C4	1:B:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:C4	1:B:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:C4	1:B:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:C4	1:B:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:C4	1:B:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:C4	1:B:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:C4	1:B:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:C4	1:B:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:C4	1:B:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:C4	1:B:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:C4	1:B:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:C4	1:B:9:TRP:CD1	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C4	1:B:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:C4	1:B:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:C4	1:B:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:C4	1:B:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:C4	1:B:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:C4	1:B:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:C4	1:B:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:C4	1:B:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:C4	1:B:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:C4	1:B:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:C4	1:B:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:C4	1:B:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:C4	1:B:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:C4	1:B:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:C4	1:B:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:C4	1:B:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:C4	1:B:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:C4	1:B:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:C4	1:B:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:C4	1:B:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:C4	1:B:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:C4	1:B:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:C4	1:B:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:C4	1:B:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:C4	1:B:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:C4	1:B:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:C4	1:B:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:C4	1:B:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:C4	1:B:12:SER:C	7	1.43
(1,27)	2:X:11:DA:C4	1:B:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:C4	1:B:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:C4	1:B:12:SER:H	7	1.43
(1,27)	2:X:11:DA:C4	1:B:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:C4	1:B:12:SER:N	7	1.43
(1,27)	2:X:11:DA:C4	1:B:12:SER:O	7	1.43
(1,27)	2:X:11:DA:C4	1:B:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:C4	1:B:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:C4	1:B:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:C4	1:B:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:C4	1:B:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:C4	1:B:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:C4	1:B:16:ARG:CZ	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C4	1:B:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:C4	1:B:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:C4	1:B:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:C4	1:B:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:C4	1:B:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:C4	1:B:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:C4	1:B:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:C4	1:B:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:C4	1:B:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:C4	1:B:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:C4	1:B:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:C4	1:B:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:C4	1:B:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:C4	1:B:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:C4	1:B:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:C4	1:B:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:C4	1:B:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:C4	1:B:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:C4	1:B:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:C4	1:B:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:C4	1:B:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:C4	1:B:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:C4	1:B:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:C4	1:B:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:C4	1:B:20:THR:C	7	1.43
(1,27)	2:X:11:DA:C4	1:B:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:C4	1:B:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:C4	1:B:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:C4	1:B:20:THR:H	7	1.43
(1,27)	2:X:11:DA:C4	1:B:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:C4	1:B:20:THR:N	7	1.43
(1,27)	2:X:11:DA:C4	1:B:20:THR:O	7	1.43
(1,27)	2:X:11:DA:C4	1:B:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:C4 [?]	1:A:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:C4 [?]	1:A:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:C4 [?]	1:A:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:C4 [?]	1:A:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:C4 [?]	1:A:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:C4 [?]	1:A:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:C4 [?]	1:A:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:C4 [?]	1:A:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:C4 [?]	1:A:3:HIS:N	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C4'	1:A:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:9:TRP:CH2	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C4'	1:A:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:12:SER:C	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:12:SER:H	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:12:SER:N	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:12:SER:O	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:HH21	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:20:THR:C	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:20:THR:H	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:20:THR:N	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:20:THR:O	7	1.43
(1,27)	2:X:11:DA:C4'	1:A:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:7:LYS:CA	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C4'	1:B:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:9:TRP:N	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C4'	1:B:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:12:SER:C	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:12:SER:H	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:12:SER:N	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:12:SER:O	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:NH2	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C4'	1:B:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:20:THR:C	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:20:THR:H	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:20:THR:N	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:20:THR:O	7	1.43
(1,27)	2:X:11:DA:C4'	1:B:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:C5	1:A:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:C5	1:A:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:C5	1:A:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:C5	1:A:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:C5	1:A:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:C5	1:A:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:C5	1:A:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:C5	1:A:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:C5	1:A:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:C5	1:A:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:C5	1:A:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:C5	1:A:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:C5	1:A:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:C5	1:A:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:C5	1:A:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:C5	1:A:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:C5	1:A:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:C5	1:A:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:C5	1:A:7:LYS:H	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C5	1:A:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:C5	1:A:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:C5	1:A:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:C5	1:A:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:C5	1:A:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:C5	1:A:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:C5	1:A:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:C5	1:A:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:C5	1:A:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:C5	1:A:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:C5	1:A:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:C5	1:A:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:C5	1:A:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:C5	1:A:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:C5	1:A:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:C5	1:A:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:C5	1:A:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:C5	1:A:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:C5	1:A:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:C5	1:A:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:C5	1:A:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:C5	1:A:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:C5	1:A:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:C5	1:A:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:C5	1:A:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:C5	1:A:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:C5	1:A:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:C5	1:A:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:C5	1:A:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:C5	1:A:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:C5	1:A:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:C5	1:A:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:C5	1:A:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:C5	1:A:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:C5	1:A:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:C5	1:A:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:C5	1:A:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:C5	1:A:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:C5	1:A:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:C5	1:A:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:C5	1:A:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:C5	1:A:10:GLY:H	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C5	1:A:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:C5	1:A:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:C5	1:A:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:C5	1:A:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:C5	1:A:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:C5	1:A:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:C5	1:A:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:C5	1:A:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:C5	1:A:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:C5	1:A:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:C5	1:A:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:C5	1:A:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:C5	1:A:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:C5	1:A:12:SER:C	7	1.43
(1,27)	2:X:11:DA:C5	1:A:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:C5	1:A:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:C5	1:A:12:SER:H	7	1.43
(1,27)	2:X:11:DA:C5	1:A:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:C5	1:A:12:SER:N	7	1.43
(1,27)	2:X:11:DA:C5	1:A:12:SER:O	7	1.43
(1,27)	2:X:11:DA:C5	1:A:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:C5	1:A:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:C5	1:A:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:C5	1:A:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:C5	1:A:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:C5	1:A:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:C5	1:A:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:C5	1:A:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:C5	1:A:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:C5	1:A:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:C5	1:A:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:C5	1:A:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:C5	1:A:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:C5	1:A:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:C5	1:A:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:C5	1:A:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:C5	1:A:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:C5	1:A:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:C5	1:A:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:C5	1:A:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:C5	1:A:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:C5	1:A:18:PRO:CD	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C5	1:A:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:C5	1:A:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:C5	1:A:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:C5	1:A:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:C5	1:A:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:C5	1:A:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:C5	1:A:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:C5	1:A:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:C5	1:A:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:C5	1:A:20:THR:C	7	1.43
(1,27)	2:X:11:DA:C5	1:A:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:C5	1:A:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:C5	1:A:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:C5	1:A:20:THR:H	7	1.43
(1,27)	2:X:11:DA:C5	1:A:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:C5	1:A:20:THR:N	7	1.43
(1,27)	2:X:11:DA:C5	1:A:20:THR:O	7	1.43
(1,27)	2:X:11:DA:C5	1:A:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:C5	1:B:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:C5	1:B:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:C5	1:B:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:C5	1:B:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:C5	1:B:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:C5	1:B:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:C5	1:B:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:C5	1:B:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:C5	1:B:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:C5	1:B:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:C5	1:B:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:C5	1:B:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:C5	1:B:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:C5	1:B:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:C5	1:B:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:C5	1:B:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:C5	1:B:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:C5	1:B:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:C5	1:B:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:C5	1:B:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:C5	1:B:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:C5	1:B:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:C5	1:B:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:C5	1:B:7:LYS:NZ	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C5	1:B:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:C5	1:B:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:C5	1:B:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:C5	1:B:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:C5	1:B:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:C5	1:B:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:C5	1:B:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:C5	1:B:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:C5	1:B:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:C5	1:B:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:C5	1:B:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:C5	1:B:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:C5	1:B:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:C5	1:B:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:C5	1:B:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:C5	1:B:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:C5	1:B:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:C5	1:B:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:C5	1:B:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:C5	1:B:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:C5	1:B:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:C5	1:B:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:C5	1:B:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:C5	1:B:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:C5	1:B:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:C5	1:B:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:C5	1:B:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:C5	1:B:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:C5	1:B:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:C5	1:B:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:C5	1:B:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:C5	1:B:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:C5	1:B:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:C5	1:B:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:C5	1:B:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:C5	1:B:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:C5	1:B:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:C5	1:B:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:C5	1:B:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:C5	1:B:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:C5	1:B:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:C5	1:B:11:ASN:CB	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C5	1:B:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:C5	1:B:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:C5	1:B:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:C5	1:B:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:C5	1:B:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:C5	1:B:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:C5	1:B:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:C5	1:B:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:C5	1:B:12:SER:C	7	1.43
(1,27)	2:X:11:DA:C5	1:B:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:C5	1:B:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:C5	1:B:12:SER:H	7	1.43
(1,27)	2:X:11:DA:C5	1:B:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:C5	1:B:12:SER:N	7	1.43
(1,27)	2:X:11:DA:C5	1:B:12:SER:O	7	1.43
(1,27)	2:X:11:DA:C5	1:B:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:C5	1:B:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:C5	1:B:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:C5	1:B:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:C5	1:B:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:C5	1:B:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:C5	1:B:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:C5	1:B:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:C5	1:B:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:C5	1:B:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:C5	1:B:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:C5	1:B:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:C5	1:B:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:C5	1:B:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:C5	1:B:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:C5	1:B:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:C5	1:B:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:C5	1:B:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:C5	1:B:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:C5	1:B:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:C5	1:B:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:C5	1:B:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:C5	1:B:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:C5	1:B:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:C5	1:B:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:C5	1:B:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:C5	1:B:19:ALA:CA	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C5	1:B:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:C5	1:B:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:C5	1:B:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:C5	1:B:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:C5	1:B:20:THR:C	7	1.43
(1,27)	2:X:11:DA:C5	1:B:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:C5	1:B:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:C5	1:B:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:C5	1:B:20:THR:H	7	1.43
(1,27)	2:X:11:DA:C5	1:B:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:C5	1:B:20:THR:N	7	1.43
(1,27)	2:X:11:DA:C5	1:B:20:THR:O	7	1.43
(1,27)	2:X:11:DA:C5	1:B:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:C5 [?]	1:A:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:C5 [?]	1:A:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:C5 [?]	1:A:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:C5 [?]	1:A:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:C5 [?]	1:A:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:C5 [?]	1:A:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:C5 [?]	1:A:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:C5 [?]	1:A:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:C5 [?]	1:A:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:C5 [?]	1:A:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:C5 [?]	1:A:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:C5 [?]	1:A:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:C5 [?]	1:A:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:C5 [?]	1:A:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:C5 [?]	1:A:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:C5 [?]	1:A:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:C5 [?]	1:A:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:C5 [?]	1:A:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:C5 [?]	1:A:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:C5 [?]	1:A:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:C5 [?]	1:A:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:C5 [?]	1:A:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:C5 [?]	1:A:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:C5 [?]	1:A:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:C5 [?]	1:A:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:C5 [?]	1:A:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:C5 [?]	1:A:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:C5 [?]	1:A:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:C5 [?]	1:A:8:ARG:CD	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C5 ^γ	1:A:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:11:ASN:N	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C5 ^γ	1:A:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:12:SER:C	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:12:SER:H	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:12:SER:N	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:12:SER:O	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:20:THR:C	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C5 ^γ	1:A:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:20:THR:H	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:20:THR:N	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:20:THR:O	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:A:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:8:ARG:HH11	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C5 ^γ	1:B:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:12:SER:C	7	1.43
(1,27)	2:X:11:DA:C5 ^γ	1:B:12:SER:CA	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C5'	1:B:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:C5'	1:B:12:SER:H	7	1.43
(1,27)	2:X:11:DA:C5'	1:B:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:C5'	1:B:12:SER:N	7	1.43
(1,27)	2:X:11:DA:C5'	1:B:12:SER:O	7	1.43
(1,27)	2:X:11:DA:C5'	1:B:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:C5'	1:B:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:C5'	1:B:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:C5'	1:B:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:C5'	1:B:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:C5'	1:B:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:C5'	1:B:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:C5'	1:B:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:C5'	1:B:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:C5'	1:B:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:C5'	1:B:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:C5'	1:B:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:C5'	1:B:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:C5'	1:B:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:C5'	1:B:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:C5'	1:B:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:C5'	1:B:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:C5'	1:B:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:C5'	1:B:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:C5'	1:B:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:C5'	1:B:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:C5'	1:B:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:C5'	1:B:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:C5'	1:B:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:C5'	1:B:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:C5'	1:B:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:C5'	1:B:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:C5'	1:B:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:C5'	1:B:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:C5'	1:B:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:C5'	1:B:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:C5'	1:B:20:THR:C	7	1.43
(1,27)	2:X:11:DA:C5'	1:B:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:C5'	1:B:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:C5'	1:B:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:C5'	1:B:20:THR:H	7	1.43
(1,27)	2:X:11:DA:C5'	1:B:20:THR:HG1	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C5'	1:B:20:THR:N	7	1.43
(1,27)	2:X:11:DA:C5'	1:B:20:THR:O	7	1.43
(1,27)	2:X:11:DA:C5'	1:B:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:C6	1:A:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:C6	1:A:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:C6	1:A:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:C6	1:A:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:C6	1:A:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:C6	1:A:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:C6	1:A:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:C6	1:A:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:C6	1:A:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:C6	1:A:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:C6	1:A:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:C6	1:A:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:C6	1:A:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:C6	1:A:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:C6	1:A:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:C6	1:A:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:C6	1:A:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:C6	1:A:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:C6	1:A:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:C6	1:A:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:C6	1:A:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:C6	1:A:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:C6	1:A:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:C6	1:A:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:C6	1:A:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:C6	1:A:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:C6	1:A:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:C6	1:A:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:C6	1:A:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:C6	1:A:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:C6	1:A:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:C6	1:A:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:C6	1:A:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:C6	1:A:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:C6	1:A:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:C6	1:A:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:C6	1:A:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:C6	1:A:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:C6	1:A:8:ARG:NE	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C6	1:A:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:C6	1:A:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:C6	1:A:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:C6	1:A:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:C6	1:A:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:C6	1:A:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:C6	1:A:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:C6	1:A:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:C6	1:A:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:C6	1:A:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:C6	1:A:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:C6	1:A:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:C6	1:A:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:C6	1:A:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:C6	1:A:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:C6	1:A:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:C6	1:A:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:C6	1:A:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:C6	1:A:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:C6	1:A:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:C6	1:A:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:C6	1:A:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:C6	1:A:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:C6	1:A:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:C6	1:A:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:C6	1:A:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:C6	1:A:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:C6	1:A:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:C6	1:A:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:C6	1:A:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:C6	1:A:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:C6	1:A:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:C6	1:A:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:C6	1:A:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:C6	1:A:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:C6	1:A:12:SER:C	7	1.43
(1,27)	2:X:11:DA:C6	1:A:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:C6	1:A:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:C6	1:A:12:SER:H	7	1.43
(1,27)	2:X:11:DA:C6	1:A:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:C6	1:A:12:SER:N	7	1.43
(1,27)	2:X:11:DA:C6	1:A:12:SER:O	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C6	1:A:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:C6	1:A:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:C6	1:A:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:C6	1:A:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:C6	1:A:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:C6	1:A:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:C6	1:A:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:C6	1:A:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:C6	1:A:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:C6	1:A:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:C6	1:A:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:C6	1:A:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:C6	1:A:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:C6	1:A:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:C6	1:A:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:C6	1:A:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:C6	1:A:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:C6	1:A:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:C6	1:A:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:C6	1:A:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:C6	1:A:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:C6	1:A:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:C6	1:A:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:C6	1:A:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:C6	1:A:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:C6	1:A:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:C6	1:A:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:C6	1:A:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:C6	1:A:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:C6	1:A:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:C6	1:A:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:C6	1:A:20:THR:C	7	1.43
(1,27)	2:X:11:DA:C6	1:A:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:C6	1:A:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:C6	1:A:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:C6	1:A:20:THR:H	7	1.43
(1,27)	2:X:11:DA:C6	1:A:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:C6	1:A:20:THR:N	7	1.43
(1,27)	2:X:11:DA:C6	1:A:20:THR:O	7	1.43
(1,27)	2:X:11:DA:C6	1:A:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:C6	1:B:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:C6	1:B:3:HIS:CA	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C6	1:B:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:C6	1:B:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:C6	1:B:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:C6	1:B:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:C6	1:B:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:C6	1:B:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:C6	1:B:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:C6	1:B:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:C6	1:B:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:C6	1:B:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:C6	1:B:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:C6	1:B:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:C6	1:B:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:C6	1:B:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:C6	1:B:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:C6	1:B:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:C6	1:B:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:C6	1:B:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:C6	1:B:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:C6	1:B:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:C6	1:B:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:C6	1:B:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:C6	1:B:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:C6	1:B:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:C6	1:B:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:C6	1:B:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:C6	1:B:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:C6	1:B:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:C6	1:B:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:C6	1:B:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:C6	1:B:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:C6	1:B:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:C6	1:B:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:C6	1:B:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:C6	1:B:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:C6	1:B:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:C6	1:B:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:C6	1:B:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:C6	1:B:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:C6	1:B:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:C6	1:B:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:C6	1:B:9:TRP:CA	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C6	1:B:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:C6	1:B:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:C6	1:B:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:C6	1:B:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:C6	1:B:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:C6	1:B:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:C6	1:B:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:C6	1:B:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:C6	1:B:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:C6	1:B:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:C6	1:B:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:C6	1:B:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:C6	1:B:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:C6	1:B:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:C6	1:B:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:C6	1:B:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:C6	1:B:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:C6	1:B:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:C6	1:B:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:C6	1:B:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:C6	1:B:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:C6	1:B:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:C6	1:B:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:C6	1:B:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:C6	1:B:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:C6	1:B:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:C6	1:B:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:C6	1:B:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:C6	1:B:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:C6	1:B:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:C6	1:B:12:SER:C	7	1.43
(1,27)	2:X:11:DA:C6	1:B:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:C6	1:B:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:C6	1:B:12:SER:H	7	1.43
(1,27)	2:X:11:DA:C6	1:B:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:C6	1:B:12:SER:N	7	1.43
(1,27)	2:X:11:DA:C6	1:B:12:SER:O	7	1.43
(1,27)	2:X:11:DA:C6	1:B:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:C6	1:B:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:C6	1:B:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:C6	1:B:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:C6	1:B:16:ARG:CD	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C6	1:B:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:C6	1:B:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:C6	1:B:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:C6	1:B:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:C6	1:B:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:C6	1:B:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:C6	1:B:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:C6	1:B:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:C6	1:B:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:C6	1:B:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:C6	1:B:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:C6	1:B:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:C6	1:B:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:C6	1:B:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:C6	1:B:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:C6	1:B:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:C6	1:B:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:C6	1:B:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:C6	1:B:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:C6	1:B:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:C6	1:B:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:C6	1:B:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:C6	1:B:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:C6	1:B:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:C6	1:B:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:C6	1:B:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:C6	1:B:20:THR:C	7	1.43
(1,27)	2:X:11:DA:C6	1:B:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:C6	1:B:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:C6	1:B:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:C6	1:B:20:THR:H	7	1.43
(1,27)	2:X:11:DA:C6	1:B:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:C6	1:B:20:THR:N	7	1.43
(1,27)	2:X:11:DA:C6	1:B:20:THR:O	7	1.43
(1,27)	2:X:11:DA:C6	1:B:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:C8	1:A:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:C8	1:A:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:C8	1:A:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:C8	1:A:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:C8	1:A:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:C8	1:A:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:C8	1:A:3:HIS:H	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C8	1:A:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:C8	1:A:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:C8	1:A:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:C8	1:A:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:C8	1:A:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:C8	1:A:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:C8	1:A:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:C8	1:A:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:C8	1:A:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:C8	1:A:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:C8	1:A:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:C8	1:A:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:C8	1:A:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:C8	1:A:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:C8	1:A:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:C8	1:A:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:C8	1:A:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:C8	1:A:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:C8	1:A:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:C8	1:A:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:C8	1:A:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:C8	1:A:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:C8	1:A:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:C8	1:A:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:C8	1:A:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:C8	1:A:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:C8	1:A:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:C8	1:A:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:C8	1:A:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:C8	1:A:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:C8	1:A:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:C8	1:A:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:C8	1:A:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:C8	1:A:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:C8	1:A:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:C8	1:A:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:C8	1:A:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:C8	1:A:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:C8	1:A:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:C8	1:A:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:C8	1:A:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:C8	1:A:9:TRP:CE3	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C8	1:A:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:C8	1:A:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:C8	1:A:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:C8	1:A:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:C8	1:A:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:C8	1:A:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:C8	1:A:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:C8	1:A:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:C8	1:A:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:C8	1:A:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:C8	1:A:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:C8	1:A:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:C8	1:A:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:C8	1:A:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:C8	1:A:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:C8	1:A:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:C8	1:A:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:C8	1:A:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:C8	1:A:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:C8	1:A:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:C8	1:A:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:C8	1:A:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:C8	1:A:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:C8	1:A:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:C8	1:A:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:C8	1:A:12:SER:C	7	1.43
(1,27)	2:X:11:DA:C8	1:A:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:C8	1:A:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:C8	1:A:12:SER:H	7	1.43
(1,27)	2:X:11:DA:C8	1:A:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:C8	1:A:12:SER:N	7	1.43
(1,27)	2:X:11:DA:C8	1:A:12:SER:O	7	1.43
(1,27)	2:X:11:DA:C8	1:A:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:C8	1:A:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:C8	1:A:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:C8	1:A:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:C8	1:A:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:C8	1:A:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:C8	1:A:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:C8	1:A:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:C8	1:A:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:C8	1:A:16:ARG:HH11	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C8	1:A:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:C8	1:A:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:C8	1:A:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:C8	1:A:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:C8	1:A:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:C8	1:A:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:C8	1:A:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:C8	1:A:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:C8	1:A:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:C8	1:A:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:C8	1:A:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:C8	1:A:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:C8	1:A:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:C8	1:A:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:C8	1:A:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:C8	1:A:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:C8	1:A:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:C8	1:A:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:C8	1:A:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:C8	1:A:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:C8	1:A:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:C8	1:A:20:THR:C	7	1.43
(1,27)	2:X:11:DA:C8	1:A:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:C8	1:A:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:C8	1:A:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:C8	1:A:20:THR:H	7	1.43
(1,27)	2:X:11:DA:C8	1:A:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:C8	1:A:20:THR:N	7	1.43
(1,27)	2:X:11:DA:C8	1:A:20:THR:O	7	1.43
(1,27)	2:X:11:DA:C8	1:A:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:C8	1:B:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:C8	1:B:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:C8	1:B:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:C8	1:B:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:C8	1:B:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:C8	1:B:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:C8	1:B:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:C8	1:B:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:C8	1:B:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:C8	1:B:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:C8	1:B:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:C8	1:B:3:HIS:O	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C8	1:B:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:C8	1:B:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:C8	1:B:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:C8	1:B:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:C8	1:B:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:C8	1:B:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:C8	1:B:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:C8	1:B:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:C8	1:B:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:C8	1:B:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:C8	1:B:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:C8	1:B:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:C8	1:B:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:C8	1:B:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:C8	1:B:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:C8	1:B:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:C8	1:B:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:C8	1:B:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:C8	1:B:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:C8	1:B:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:C8	1:B:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:C8	1:B:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:C8	1:B:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:C8	1:B:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:C8	1:B:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:C8	1:B:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:C8	1:B:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:C8	1:B:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:C8	1:B:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:C8	1:B:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:C8	1:B:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:C8	1:B:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:C8	1:B:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:C8	1:B:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:C8	1:B:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:C8	1:B:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:C8	1:B:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:C8	1:B:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:C8	1:B:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:C8	1:B:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:C8	1:B:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:C8	1:B:9:TRP:H	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C8	1:B:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:C8	1:B:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:C8	1:B:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:C8	1:B:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:C8	1:B:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:C8	1:B:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:C8	1:B:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:C8	1:B:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:C8	1:B:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:C8	1:B:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:C8	1:B:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:C8	1:B:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:C8	1:B:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:C8	1:B:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:C8	1:B:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:C8	1:B:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:C8	1:B:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:C8	1:B:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:C8	1:B:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:C8	1:B:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:C8	1:B:12:SER:C	7	1.43
(1,27)	2:X:11:DA:C8	1:B:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:C8	1:B:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:C8	1:B:12:SER:H	7	1.43
(1,27)	2:X:11:DA:C8	1:B:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:C8	1:B:12:SER:N	7	1.43
(1,27)	2:X:11:DA:C8	1:B:12:SER:O	7	1.43
(1,27)	2:X:11:DA:C8	1:B:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:C8	1:B:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:C8	1:B:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:C8	1:B:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:C8	1:B:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:C8	1:B:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:C8	1:B:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:C8	1:B:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:C8	1:B:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:C8	1:B:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:C8	1:B:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:C8	1:B:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:C8	1:B:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:C8	1:B:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:C8	1:B:16:ARG:NE	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:C8	1:B:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:C8	1:B:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:C8	1:B:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:C8	1:B:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:C8	1:B:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:C8	1:B:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:C8	1:B:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:C8	1:B:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:C8	1:B:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:C8	1:B:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:C8	1:B:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:C8	1:B:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:C8	1:B:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:C8	1:B:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:C8	1:B:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:C8	1:B:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:C8	1:B:20:THR:C	7	1.43
(1,27)	2:X:11:DA:C8	1:B:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:C8	1:B:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:C8	1:B:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:C8	1:B:20:THR:H	7	1.43
(1,27)	2:X:11:DA:C8	1:B:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:C8	1:B:20:THR:N	7	1.43
(1,27)	2:X:11:DA:C8	1:B:20:THR:O	7	1.43
(1,27)	2:X:11:DA:C8	1:B:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:7:LYS:CE	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H1 [?]	1:A:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:10:GLY:C	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H1 [?]	1:A:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:12:SER:C	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:12:SER:H	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:12:SER:N	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:12:SER:O	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:18:PRO:CA	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H1 [?]	1:A:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:20:THR:C	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:20:THR:H	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:20:THR:N	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:20:THR:O	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:A:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:7:LYS:HZ3	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H1 [?]	1:B:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:11:ASN:C	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H1 [?]	1:B:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:12:SER:C	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:12:SER:H	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:12:SER:N	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:12:SER:O	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:H1 [?]	1:B:18:PRO:O	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H1'	1:B:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:H1'	1:B:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:H1'	1:B:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:H1'	1:B:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:H1'	1:B:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:H1'	1:B:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:H1'	1:B:20:THR:C	7	1.43
(1,27)	2:X:11:DA:H1'	1:B:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:H1'	1:B:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:H1'	1:B:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:H1'	1:B:20:THR:H	7	1.43
(1,27)	2:X:11:DA:H1'	1:B:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:H1'	1:B:20:THR:N	7	1.43
(1,27)	2:X:11:DA:H1'	1:B:20:THR:O	7	1.43
(1,27)	2:X:11:DA:H1'	1:B:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:H2	1:A:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:H2	1:A:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:H2	1:A:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:H2	1:A:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:H2	1:A:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:H2	1:A:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:H2	1:A:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:H2	1:A:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:H2	1:A:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:H2	1:A:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:H2	1:A:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:H2	1:A:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:H2	1:A:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:H2	1:A:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:H2	1:A:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:H2	1:A:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:H2	1:A:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:H2	1:A:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:H2	1:A:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:H2	1:A:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:H2	1:A:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:H2	1:A:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:H2	1:A:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:H2	1:A:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:H2	1:A:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:H2	1:A:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:H2	1:A:8:ARG:CA	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H2	1:A:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:H2	1:A:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:H2	1:A:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:H2	1:A:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:H2	1:A:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:H2	1:A:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:H2	1:A:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:H2	1:A:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:H2	1:A:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:H2	1:A:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:H2	1:A:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:H2	1:A:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:H2	1:A:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:H2	1:A:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:H2	1:A:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:H2	1:A:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:H2	1:A:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:H2	1:A:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:H2	1:A:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:H2	1:A:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:H2	1:A:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:H2	1:A:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:H2	1:A:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:H2	1:A:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:H2	1:A:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:H2	1:A:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:H2	1:A:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:H2	1:A:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:H2	1:A:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:H2	1:A:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:H2	1:A:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:H2	1:A:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:H2	1:A:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:H2	1:A:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:H2	1:A:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:H2	1:A:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:H2	1:A:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:H2	1:A:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:H2	1:A:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:H2	1:A:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:H2	1:A:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:H2	1:A:11:ASN:HD21	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H2	1:A:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:H2	1:A:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:H2	1:A:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:H2	1:A:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:H2	1:A:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:H2	1:A:12:SER:C	7	1.43
(1,27)	2:X:11:DA:H2	1:A:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:H2	1:A:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:H2	1:A:12:SER:H	7	1.43
(1,27)	2:X:11:DA:H2	1:A:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:H2	1:A:12:SER:N	7	1.43
(1,27)	2:X:11:DA:H2	1:A:12:SER:O	7	1.43
(1,27)	2:X:11:DA:H2	1:A:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:H2	1:A:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:H2	1:A:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:H2	1:A:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:H2	1:A:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:H2	1:A:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:H2	1:A:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:H2	1:A:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:H2	1:A:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:H2	1:A:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:H2	1:A:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:H2	1:A:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:H2	1:A:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:H2	1:A:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:H2	1:A:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:H2	1:A:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:H2	1:A:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:H2	1:A:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:H2	1:A:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:H2	1:A:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:H2	1:A:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:H2	1:A:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:H2	1:A:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:H2	1:A:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:H2	1:A:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:H2	1:A:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:H2	1:A:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:H2	1:A:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:H2	1:A:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:H2	1:A:19:ALA:N	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H2	1:A:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:H2	1:A:20:THR:C	7	1.43
(1,27)	2:X:11:DA:H2	1:A:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:H2	1:A:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:H2	1:A:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:H2	1:A:20:THR:H	7	1.43
(1,27)	2:X:11:DA:H2	1:A:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:H2	1:A:20:THR:N	7	1.43
(1,27)	2:X:11:DA:H2	1:A:20:THR:O	7	1.43
(1,27)	2:X:11:DA:H2	1:A:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:H2	1:B:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:H2	1:B:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:H2	1:B:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:H2	1:B:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:H2	1:B:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:H2	1:B:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:H2	1:B:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:H2	1:B:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:H2	1:B:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:H2	1:B:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:H2	1:B:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:H2	1:B:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:H2	1:B:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:H2	1:B:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:H2	1:B:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:H2	1:B:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:H2	1:B:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:H2	1:B:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:H2	1:B:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:H2	1:B:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:H2	1:B:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:H2	1:B:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:H2	1:B:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:H2	1:B:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:H2	1:B:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:H2	1:B:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:H2	1:B:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:H2	1:B:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:H2	1:B:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:H2	1:B:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:H2	1:B:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:H2	1:B:8:ARG:H	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H2	1:B:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:H2	1:B:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:H2	1:B:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:H2	1:B:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:H2	1:B:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:H2	1:B:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:H2	1:B:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:H2	1:B:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:H2	1:B:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:H2	1:B:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:H2	1:B:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:H2	1:B:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:H2	1:B:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:H2	1:B:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:H2	1:B:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:H2	1:B:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:H2	1:B:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:H2	1:B:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:H2	1:B:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:H2	1:B:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:H2	1:B:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:H2	1:B:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:H2	1:B:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:H2	1:B:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:H2	1:B:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:H2	1:B:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:H2	1:B:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:H2	1:B:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:H2	1:B:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:H2	1:B:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:H2	1:B:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:H2	1:B:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:H2	1:B:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:H2	1:B:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:H2	1:B:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:H2	1:B:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:H2	1:B:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:H2	1:B:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:H2	1:B:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:H2	1:B:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:H2	1:B:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:H2	1:B:11:ASN:OD1	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H2	1:B:12:SER:C	7	1.43
(1,27)	2:X:11:DA:H2	1:B:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:H2	1:B:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:H2	1:B:12:SER:H	7	1.43
(1,27)	2:X:11:DA:H2	1:B:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:H2	1:B:12:SER:N	7	1.43
(1,27)	2:X:11:DA:H2	1:B:12:SER:O	7	1.43
(1,27)	2:X:11:DA:H2	1:B:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:H2	1:B:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:H2	1:B:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:H2	1:B:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:H2	1:B:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:H2	1:B:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:H2	1:B:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:H2	1:B:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:H2	1:B:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:H2	1:B:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:H2	1:B:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:H2	1:B:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:H2	1:B:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:H2	1:B:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:H2	1:B:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:H2	1:B:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:H2	1:B:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:H2	1:B:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:H2	1:B:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:H2	1:B:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:H2	1:B:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:H2	1:B:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:H2	1:B:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:H2	1:B:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:H2	1:B:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:H2	1:B:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:H2	1:B:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:H2	1:B:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:H2	1:B:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:H2	1:B:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:H2	1:B:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:H2	1:B:20:THR:C	7	1.43
(1,27)	2:X:11:DA:H2	1:B:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:H2	1:B:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:H2	1:B:20:THR:CG2	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H2	1:B:20:THR:H	7	1.43
(1,27)	2:X:11:DA:H2	1:B:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:H2	1:B:20:THR:N	7	1.43
(1,27)	2:X:11:DA:H2	1:B:20:THR:O	7	1.43
(1,27)	2:X:11:DA:H2	1:B:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:HH22	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:12:SER:C	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:12:SER:H	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:12:SER:HG	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H2 [?]	1:A:12:SER:N	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:12:SER:O	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:20:THR:C	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:20:THR:H	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:20:THR:N	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:20:THR:O	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:20:THR:OG1	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H2 [?]	1:B:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:8:ARG:O	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H2 [?]	1:B:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:12:SER:C	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:12:SER:H	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:12:SER:N	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:12:SER:O	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:CA	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:20:THR:C	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:20:THR:H	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:20:THR:N	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:20:THR:O	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:B:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:H2 [?]	1:A:3:HIS:CE1	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H2''	1:A:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:9:TRP:CD2	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H2''	1:A:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:12:SER:C	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:12:SER:H	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:12:SER:N	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:12:SER:O	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:16:ARG:H	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H2''	1:A:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:20:THR:C	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:20:THR:H	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:20:THR:N	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:20:THR:O	7	1.43
(1,27)	2:X:11:DA:H2''	1:A:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:3:HIS:ND1	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H2''	1:B:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:9:TRP:CZ2	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H2''	1:B:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:12:SER:C	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:12:SER:H	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:12:SER:N	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:12:SER:O	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:H2''	1:B:16:ARG:HH22	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H2 ³	1:B:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:H2 ³	1:B:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:H2 ³	1:B:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:H2 ³	1:B:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:H2 ³	1:B:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:H2 ³	1:B:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:H2 ³	1:B:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:H2 ³	1:B:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:H2 ³	1:B:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:H2 ³	1:B:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:H2 ³	1:B:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:H2 ³	1:B:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:H2 ³	1:B:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:H2 ³	1:B:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:H2 ³	1:B:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:H2 ³	1:B:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:H2 ³	1:B:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:H2 ³	1:B:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:H2 ³	1:B:20:THR:C	7	1.43
(1,27)	2:X:11:DA:H2 ³	1:B:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:H2 ³	1:B:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:H2 ³	1:B:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:H2 ³	1:B:20:THR:H	7	1.43
(1,27)	2:X:11:DA:H2 ³	1:B:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:H2 ³	1:B:20:THR:N	7	1.43
(1,27)	2:X:11:DA:H2 ³	1:B:20:THR:O	7	1.43
(1,27)	2:X:11:DA:H2 ³	1:B:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:H3 ³	1:A:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:H3 ³	1:A:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:H3 ³	1:A:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:H3 ³	1:A:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:H3 ³	1:A:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:H3 ³	1:A:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:H3 ³	1:A:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:H3 ³	1:A:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:H3 ³	1:A:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:H3 ³	1:A:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:H3 ³	1:A:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:H3 ³	1:A:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:H3 ³	1:A:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:H3 ³	1:A:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:H3 ³	1:A:7:LYS:CB	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H3 [?]	1:A:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:9:TRP:NE1	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H3 ⁷	1:A:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:H3 ⁷	1:A:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:H3 ⁷	1:A:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:H3 ⁷	1:A:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:H3 ⁷	1:A:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:H3 ⁷	1:A:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:H3 ⁷	1:A:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:H3 ⁷	1:A:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:H3 ⁷	1:A:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:H3 ⁷	1:A:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:H3 ⁷	1:A:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:H3 ⁷	1:A:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:H3 ⁷	1:A:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:H3 ⁷	1:A:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:H3 ⁷	1:A:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:H3 ⁷	1:A:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:H3 ⁷	1:A:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:H3 ⁷	1:A:12:SER:C	7	1.43
(1,27)	2:X:11:DA:H3 ⁷	1:A:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:H3 ⁷	1:A:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:H3 ⁷	1:A:12:SER:H	7	1.43
(1,27)	2:X:11:DA:H3 ⁷	1:A:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:H3 ⁷	1:A:12:SER:N	7	1.43
(1,27)	2:X:11:DA:H3 ⁷	1:A:12:SER:O	7	1.43
(1,27)	2:X:11:DA:H3 ⁷	1:A:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:H3 ⁷	1:A:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:H3 ⁷	1:A:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:H3 ⁷	1:A:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:H3 ⁷	1:A:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:H3 ⁷	1:A:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:H3 ⁷	1:A:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:H3 ⁷	1:A:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:H3 ⁷	1:A:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:H3 ⁷	1:A:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:H3 ⁷	1:A:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:H3 ⁷	1:A:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:H3 ⁷	1:A:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:H3 ⁷	1:A:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:H3 ⁷	1:A:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:H3 ⁷	1:A:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:H3 ⁷	1:A:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:H3 ⁷	1:A:16:ARG:O	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H3 [?]	1:A:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:20:THR:C	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:20:THR:H	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:20:THR:N	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:20:THR:O	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:A:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:7:LYS:HZ1	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H3 [?]	1:B:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:10:GLY:N	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H3 [?]	1:B:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:12:SER:C	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:12:SER:H	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:12:SER:N	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:12:SER:O	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:18:PRO:CG	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H3 [?]	1:B:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:20:THR:C	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:20:THR:H	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:20:THR:N	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:20:THR:O	7	1.43
(1,27)	2:X:11:DA:H3 [?]	1:B:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:7:LYS:O	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:11:ASN:CG	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H4 [?]	1:A:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:12:SER:C	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:12:SER:H	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:12:SER:N	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:12:SER:O	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:19:ALA:CB	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H4 [?]	1:A:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:20:THR:C	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:20:THR:H	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:20:THR:N	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:20:THR:O	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:A:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:CG	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:11:ASN:ND2	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H4 [?]	1:B:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:12:SER:C	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:12:SER:H	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:12:SER:N	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:12:SER:O	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:20:THR:C	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:20:THR:CA	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H4 [?]	1:B:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:20:THR:H	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:20:THR:N	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:20:THR:O	7	1.43
(1,27)	2:X:11:DA:H4 [?]	1:B:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:8:ARG:HH12	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H5 ⁷	1:A:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:H5 ⁷	1:A:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:H5 ⁷	1:A:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:H5 ⁷	1:A:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:H5 ⁷	1:A:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:H5 ⁷	1:A:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:H5 ⁷	1:A:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:H5 ⁷	1:A:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:H5 ⁷	1:A:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:H5 ⁷	1:A:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:H5 ⁷	1:A:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:H5 ⁷	1:A:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:H5 ⁷	1:A:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:H5 ⁷	1:A:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:H5 ⁷	1:A:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:H5 ⁷	1:A:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:H5 ⁷	1:A:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:H5 ⁷	1:A:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:H5 ⁷	1:A:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:H5 ⁷	1:A:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:H5 ⁷	1:A:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:H5 ⁷	1:A:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:H5 ⁷	1:A:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:H5 ⁷	1:A:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:H5 ⁷	1:A:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:H5 ⁷	1:A:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:H5 ⁷	1:A:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:H5 ⁷	1:A:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:H5 ⁷	1:A:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:H5 ⁷	1:A:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:H5 ⁷	1:A:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:H5 ⁷	1:A:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:H5 ⁷	1:A:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:H5 ⁷	1:A:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:H5 ⁷	1:A:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:H5 ⁷	1:A:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:H5 ⁷	1:A:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:H5 ⁷	1:A:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:H5 ⁷	1:A:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:H5 ⁷	1:A:12:SER:C	7	1.43
(1,27)	2:X:11:DA:H5 ⁷	1:A:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:H5 ⁷	1:A:12:SER:CB	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H5 [?]	1:A:12:SER:H	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:12:SER:N	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:12:SER:O	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:20:THR:C	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:20:THR:H	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:20:THR:N	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H5 [?]	1:A:20:THR:O	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:8:ARG:NH1	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H5 [?]	1:B:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:12:SER:C	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:12:SER:H	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:12:SER:N	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:12:SER:O	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:12:SER:OG	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H5 [?]	1:B:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:20:THR:C	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:20:THR:H	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:20:THR:N	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:20:THR:O	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:B:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:H5 [?]	1:A:3:HIS:CB	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H5''	1:A:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:9:TRP:CB	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H5''	1:A:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:12:SER:C	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:12:SER:H	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:12:SER:N	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:12:SER:O	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:16:ARG:CG	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H5''	1:A:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:20:THR:C	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:20:THR:H	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:20:THR:N	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:20:THR:O	7	1.43
(1,27)	2:X:11:DA:H5''	1:A:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:3:HIS:HD1	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H5''	1:B:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:9:TRP:CG	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H5''	1:B:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:12:SER:C	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:12:SER:H	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:12:SER:N	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:12:SER:O	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:HH12	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:20:THR:C	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:20:THR:H	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:20:THR:N	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:20:THR:O	7	1.43
(1,27)	2:X:11:DA:H5''	1:B:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:H61	1:A:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:H61	1:A:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:H61	1:A:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:H61	1:A:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:H61	1:A:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:H61	1:A:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:H61	1:A:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:H61	1:A:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:H61	1:A:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:H61	1:A:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:H61	1:A:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:H61	1:A:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:H61	1:A:7:LYS:C	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H61	1:A:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:H61	1:A:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:H61	1:A:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:H61	1:A:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:H61	1:A:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:H61	1:A:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:H61	1:A:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:H61	1:A:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:H61	1:A:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:H61	1:A:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:H61	1:A:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:H61	1:A:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:H61	1:A:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:H61	1:A:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:H61	1:A:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:H61	1:A:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:H61	1:A:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:H61	1:A:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:H61	1:A:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:H61	1:A:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:H61	1:A:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:H61	1:A:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:H61	1:A:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:H61	1:A:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:H61	1:A:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:H61	1:A:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:H61	1:A:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:H61	1:A:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:H61	1:A:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:H61	1:A:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:H61	1:A:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:H61	1:A:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:H61	1:A:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:H61	1:A:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:H61	1:A:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:H61	1:A:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:H61	1:A:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:H61	1:A:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:H61	1:A:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:H61	1:A:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:H61	1:A:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:H61	1:A:9:TRP:HE1	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H61	1:A:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:H61	1:A:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:H61	1:A:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:H61	1:A:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:H61	1:A:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:H61	1:A:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:H61	1:A:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:H61	1:A:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:H61	1:A:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:H61	1:A:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:H61	1:A:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:H61	1:A:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:H61	1:A:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:H61	1:A:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:H61	1:A:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:H61	1:A:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:H61	1:A:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:H61	1:A:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:H61	1:A:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:H61	1:A:12:SER:C	7	1.43
(1,27)	2:X:11:DA:H61	1:A:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:H61	1:A:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:H61	1:A:12:SER:H	7	1.43
(1,27)	2:X:11:DA:H61	1:A:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:H61	1:A:12:SER:N	7	1.43
(1,27)	2:X:11:DA:H61	1:A:12:SER:O	7	1.43
(1,27)	2:X:11:DA:H61	1:A:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:H61	1:A:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:H61	1:A:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:H61	1:A:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:H61	1:A:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:H61	1:A:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:H61	1:A:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:H61	1:A:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:H61	1:A:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:H61	1:A:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:H61	1:A:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:H61	1:A:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:H61	1:A:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:H61	1:A:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:H61	1:A:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:H61	1:A:16:ARG:NH1	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H61	1:A:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:H61	1:A:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:H61	1:A:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:H61	1:A:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:H61	1:A:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:H61	1:A:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:H61	1:A:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:H61	1:A:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:H61	1:A:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:H61	1:A:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:H61	1:A:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:H61	1:A:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:H61	1:A:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:H61	1:A:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:H61	1:A:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:H61	1:A:20:THR:C	7	1.43
(1,27)	2:X:11:DA:H61	1:A:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:H61	1:A:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:H61	1:A:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:H61	1:A:20:THR:H	7	1.43
(1,27)	2:X:11:DA:H61	1:A:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:H61	1:A:20:THR:N	7	1.43
(1,27)	2:X:11:DA:H61	1:A:20:THR:O	7	1.43
(1,27)	2:X:11:DA:H61	1:A:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:H61	1:B:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:H61	1:B:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:H61	1:B:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:H61	1:B:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:H61	1:B:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:H61	1:B:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:H61	1:B:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:H61	1:B:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:H61	1:B:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:H61	1:B:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:H61	1:B:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:H61	1:B:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:H61	1:B:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:H61	1:B:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:H61	1:B:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:H61	1:B:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:H61	1:B:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:H61	1:B:7:LYS:CG	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H61	1:B:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:H61	1:B:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:H61	1:B:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:H61	1:B:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:H61	1:B:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:H61	1:B:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:H61	1:B:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:H61	1:B:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:H61	1:B:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:H61	1:B:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:H61	1:B:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:H61	1:B:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:H61	1:B:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:H61	1:B:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:H61	1:B:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:H61	1:B:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:H61	1:B:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:H61	1:B:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:H61	1:B:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:H61	1:B:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:H61	1:B:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:H61	1:B:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:H61	1:B:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:H61	1:B:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:H61	1:B:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:H61	1:B:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:H61	1:B:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:H61	1:B:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:H61	1:B:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:H61	1:B:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:H61	1:B:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:H61	1:B:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:H61	1:B:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:H61	1:B:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:H61	1:B:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:H61	1:B:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:H61	1:B:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:H61	1:B:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:H61	1:B:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:H61	1:B:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:H61	1:B:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:H61	1:B:10:GLY:CA	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H61	1:B:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:H61	1:B:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:H61	1:B:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:H61	1:B:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:H61	1:B:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:H61	1:B:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:H61	1:B:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:H61	1:B:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:H61	1:B:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:H61	1:B:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:H61	1:B:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:H61	1:B:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:H61	1:B:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:H61	1:B:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:H61	1:B:12:SER:C	7	1.43
(1,27)	2:X:11:DA:H61	1:B:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:H61	1:B:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:H61	1:B:12:SER:H	7	1.43
(1,27)	2:X:11:DA:H61	1:B:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:H61	1:B:12:SER:N	7	1.43
(1,27)	2:X:11:DA:H61	1:B:12:SER:O	7	1.43
(1,27)	2:X:11:DA:H61	1:B:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:H61	1:B:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:H61	1:B:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:H61	1:B:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:H61	1:B:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:H61	1:B:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:H61	1:B:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:H61	1:B:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:H61	1:B:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:H61	1:B:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:H61	1:B:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:H61	1:B:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:H61	1:B:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:H61	1:B:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:H61	1:B:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:H61	1:B:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:H61	1:B:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:H61	1:B:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:H61	1:B:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:H61	1:B:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:H61	1:B:18:PRO:CB	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H61	1:B:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:H61	1:B:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:H61	1:B:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:H61	1:B:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:H61	1:B:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:H61	1:B:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:H61	1:B:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:H61	1:B:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:H61	1:B:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:H61	1:B:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:H61	1:B:20:THR:C	7	1.43
(1,27)	2:X:11:DA:H61	1:B:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:H61	1:B:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:H61	1:B:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:H61	1:B:20:THR:H	7	1.43
(1,27)	2:X:11:DA:H61	1:B:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:H61	1:B:20:THR:N	7	1.43
(1,27)	2:X:11:DA:H61	1:B:20:THR:O	7	1.43
(1,27)	2:X:11:DA:H61	1:B:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:H62	1:A:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:H62	1:A:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:H62	1:A:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:H62	1:A:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:H62	1:A:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:H62	1:A:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:H62	1:A:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:H62	1:A:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:H62	1:A:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:H62	1:A:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:H62	1:A:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:H62	1:A:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:H62	1:A:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:H62	1:A:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:H62	1:A:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:H62	1:A:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:H62	1:A:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:H62	1:A:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:H62	1:A:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:H62	1:A:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:H62	1:A:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:H62	1:A:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:H62	1:A:7:LYS:N	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H62	1:A:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:H62	1:A:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:H62	1:A:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:H62	1:A:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:H62	1:A:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:H62	1:A:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:H62	1:A:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:H62	1:A:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:H62	1:A:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:H62	1:A:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:H62	1:A:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:H62	1:A:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:H62	1:A:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:H62	1:A:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:H62	1:A:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:H62	1:A:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:H62	1:A:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:H62	1:A:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:H62	1:A:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:H62	1:A:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:H62	1:A:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:H62	1:A:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:H62	1:A:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:H62	1:A:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:H62	1:A:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:H62	1:A:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:H62	1:A:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:H62	1:A:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:H62	1:A:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:H62	1:A:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:H62	1:A:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:H62	1:A:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:H62	1:A:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:H62	1:A:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:H62	1:A:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:H62	1:A:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:H62	1:A:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:H62	1:A:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:H62	1:A:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:H62	1:A:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:H62	1:A:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:H62	1:A:11:ASN:CA	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H62	1:A:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:H62	1:A:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:H62	1:A:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:H62	1:A:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:H62	1:A:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:H62	1:A:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:H62	1:A:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:H62	1:A:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:H62	1:A:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:H62	1:A:12:SER:C	7	1.43
(1,27)	2:X:11:DA:H62	1:A:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:H62	1:A:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:H62	1:A:12:SER:H	7	1.43
(1,27)	2:X:11:DA:H62	1:A:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:H62	1:A:12:SER:N	7	1.43
(1,27)	2:X:11:DA:H62	1:A:12:SER:O	7	1.43
(1,27)	2:X:11:DA:H62	1:A:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:H62	1:A:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:H62	1:A:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:H62	1:A:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:H62	1:A:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:H62	1:A:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:H62	1:A:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:H62	1:A:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:H62	1:A:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:H62	1:A:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:H62	1:A:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:H62	1:A:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:H62	1:A:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:H62	1:A:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:H62	1:A:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:H62	1:A:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:H62	1:A:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:H62	1:A:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:H62	1:A:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:H62	1:A:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:H62	1:A:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:H62	1:A:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:H62	1:A:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:H62	1:A:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:H62	1:A:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:H62	1:A:19:ALA:C	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H62	1:A:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:H62	1:A:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:H62	1:A:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:H62	1:A:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:H62	1:A:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:H62	1:A:20:THR:C	7	1.43
(1,27)	2:X:11:DA:H62	1:A:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:H62	1:A:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:H62	1:A:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:H62	1:A:20:THR:H	7	1.43
(1,27)	2:X:11:DA:H62	1:A:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:H62	1:A:20:THR:N	7	1.43
(1,27)	2:X:11:DA:H62	1:A:20:THR:O	7	1.43
(1,27)	2:X:11:DA:H62	1:A:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:H62	1:B:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:H62	1:B:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:H62	1:B:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:H62	1:B:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:H62	1:B:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:H62	1:B:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:H62	1:B:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:H62	1:B:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:H62	1:B:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:H62	1:B:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:H62	1:B:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:H62	1:B:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:H62	1:B:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:H62	1:B:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:H62	1:B:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:H62	1:B:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:H62	1:B:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:H62	1:B:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:H62	1:B:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:H62	1:B:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:H62	1:B:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:H62	1:B:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:H62	1:B:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:H62	1:B:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:H62	1:B:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:H62	1:B:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:H62	1:B:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:H62	1:B:8:ARG:CB	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H62	1:B:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:H62	1:B:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:H62	1:B:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:H62	1:B:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:H62	1:B:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:H62	1:B:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:H62	1:B:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:H62	1:B:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:H62	1:B:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:H62	1:B:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:H62	1:B:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:H62	1:B:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:H62	1:B:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:H62	1:B:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:H62	1:B:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:H62	1:B:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:H62	1:B:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:H62	1:B:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:H62	1:B:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:H62	1:B:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:H62	1:B:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:H62	1:B:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:H62	1:B:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:H62	1:B:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:H62	1:B:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:H62	1:B:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:H62	1:B:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:H62	1:B:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:H62	1:B:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:H62	1:B:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:H62	1:B:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:H62	1:B:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:H62	1:B:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:H62	1:B:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:H62	1:B:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:H62	1:B:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:H62	1:B:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:H62	1:B:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:H62	1:B:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:H62	1:B:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:H62	1:B:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:H62	1:B:11:ASN:HD22	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H62	1:B:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:H62	1:B:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:H62	1:B:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:H62	1:B:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:H62	1:B:12:SER:C	7	1.43
(1,27)	2:X:11:DA:H62	1:B:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:H62	1:B:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:H62	1:B:12:SER:H	7	1.43
(1,27)	2:X:11:DA:H62	1:B:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:H62	1:B:12:SER:N	7	1.43
(1,27)	2:X:11:DA:H62	1:B:12:SER:O	7	1.43
(1,27)	2:X:11:DA:H62	1:B:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:H62	1:B:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:H62	1:B:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:H62	1:B:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:H62	1:B:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:H62	1:B:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:H62	1:B:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:H62	1:B:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:H62	1:B:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:H62	1:B:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:H62	1:B:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:H62	1:B:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:H62	1:B:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:H62	1:B:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:H62	1:B:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:H62	1:B:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:H62	1:B:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:H62	1:B:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:H62	1:B:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:H62	1:B:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:H62	1:B:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:H62	1:B:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:H62	1:B:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:H62	1:B:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:H62	1:B:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:H62	1:B:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:H62	1:B:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:H62	1:B:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:H62	1:B:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:H62	1:B:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:H62	1:B:19:ALA:O	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H62	1:B:20:THR:C	7	1.43
(1,27)	2:X:11:DA:H62	1:B:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:H62	1:B:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:H62	1:B:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:H62	1:B:20:THR:H	7	1.43
(1,27)	2:X:11:DA:H62	1:B:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:H62	1:B:20:THR:N	7	1.43
(1,27)	2:X:11:DA:H62	1:B:20:THR:O	7	1.43
(1,27)	2:X:11:DA:H62	1:B:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:H8	1:A:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:H8	1:A:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:H8	1:A:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:H8	1:A:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:H8	1:A:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:H8	1:A:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:H8	1:A:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:H8	1:A:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:H8	1:A:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:H8	1:A:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:H8	1:A:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:H8	1:A:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:H8	1:A:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:H8	1:A:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:H8	1:A:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:H8	1:A:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:H8	1:A:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:H8	1:A:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:H8	1:A:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:H8	1:A:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:H8	1:A:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:H8	1:A:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:H8	1:A:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:H8	1:A:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:H8	1:A:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:H8	1:A:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:H8	1:A:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:H8	1:A:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:H8	1:A:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:H8	1:A:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:H8	1:A:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:H8	1:A:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:H8	1:A:8:ARG:HE	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H8	1:A:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:H8	1:A:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:H8	1:A:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:H8	1:A:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:H8	1:A:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:H8	1:A:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:H8	1:A:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:H8	1:A:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:H8	1:A:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:H8	1:A:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:H8	1:A:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:H8	1:A:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:H8	1:A:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:H8	1:A:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:H8	1:A:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:H8	1:A:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:H8	1:A:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:H8	1:A:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:H8	1:A:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:H8	1:A:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:H8	1:A:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:H8	1:A:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:H8	1:A:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:H8	1:A:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:H8	1:A:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:H8	1:A:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:H8	1:A:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:H8	1:A:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:H8	1:A:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:H8	1:A:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:H8	1:A:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:H8	1:A:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:H8	1:A:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:H8	1:A:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:H8	1:A:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:H8	1:A:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:H8	1:A:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:H8	1:A:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:H8	1:A:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:H8	1:A:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:H8	1:A:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:H8	1:A:12:SER:C	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H8	1:A:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:H8	1:A:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:H8	1:A:12:SER:H	7	1.43
(1,27)	2:X:11:DA:H8	1:A:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:H8	1:A:12:SER:N	7	1.43
(1,27)	2:X:11:DA:H8	1:A:12:SER:O	7	1.43
(1,27)	2:X:11:DA:H8	1:A:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:H8	1:A:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:H8	1:A:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:H8	1:A:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:H8	1:A:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:H8	1:A:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:H8	1:A:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:H8	1:A:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:H8	1:A:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:H8	1:A:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:H8	1:A:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:H8	1:A:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:H8	1:A:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:H8	1:A:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:H8	1:A:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:H8	1:A:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:H8	1:A:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:H8	1:A:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:H8	1:A:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:H8	1:A:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:H8	1:A:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:H8	1:A:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:H8	1:A:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:H8	1:A:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:H8	1:A:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:H8	1:A:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:H8	1:A:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:H8	1:A:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:H8	1:A:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:H8	1:A:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:H8	1:A:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:H8	1:A:20:THR:C	7	1.43
(1,27)	2:X:11:DA:H8	1:A:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:H8	1:A:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:H8	1:A:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:H8	1:A:20:THR:H	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H8	1:A:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:H8	1:A:20:THR:N	7	1.43
(1,27)	2:X:11:DA:H8	1:A:20:THR:O	7	1.43
(1,27)	2:X:11:DA:H8	1:A:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:H8	1:B:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:H8	1:B:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:H8	1:B:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:H8	1:B:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:H8	1:B:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:H8	1:B:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:H8	1:B:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:H8	1:B:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:H8	1:B:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:H8	1:B:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:H8	1:B:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:H8	1:B:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:H8	1:B:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:H8	1:B:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:H8	1:B:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:H8	1:B:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:H8	1:B:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:H8	1:B:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:H8	1:B:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:H8	1:B:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:H8	1:B:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:H8	1:B:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:H8	1:B:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:H8	1:B:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:H8	1:B:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:H8	1:B:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:H8	1:B:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:H8	1:B:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:H8	1:B:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:H8	1:B:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:H8	1:B:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:H8	1:B:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:H8	1:B:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:H8	1:B:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:H8	1:B:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:H8	1:B:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:H8	1:B:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:H8	1:B:8:ARG:N	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H8	1:B:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:H8	1:B:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:H8	1:B:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:H8	1:B:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:H8	1:B:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:H8	1:B:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:H8	1:B:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:H8	1:B:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:H8	1:B:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:H8	1:B:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:H8	1:B:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:H8	1:B:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:H8	1:B:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:H8	1:B:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:H8	1:B:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:H8	1:B:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:H8	1:B:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:H8	1:B:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:H8	1:B:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:H8	1:B:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:H8	1:B:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:H8	1:B:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:H8	1:B:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:H8	1:B:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:H8	1:B:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:H8	1:B:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:H8	1:B:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:H8	1:B:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:H8	1:B:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:H8	1:B:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:H8	1:B:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:H8	1:B:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:H8	1:B:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:H8	1:B:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:H8	1:B:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:H8	1:B:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:H8	1:B:12:SER:C	7	1.43
(1,27)	2:X:11:DA:H8	1:B:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:H8	1:B:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:H8	1:B:12:SER:H	7	1.43
(1,27)	2:X:11:DA:H8	1:B:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:H8	1:B:12:SER:N	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:H8	1:B:12:SER:O	7	1.43
(1,27)	2:X:11:DA:H8	1:B:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:H8	1:B:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:H8	1:B:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:H8	1:B:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:H8	1:B:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:H8	1:B:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:H8	1:B:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:H8	1:B:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:H8	1:B:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:H8	1:B:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:H8	1:B:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:H8	1:B:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:H8	1:B:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:H8	1:B:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:H8	1:B:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:H8	1:B:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:H8	1:B:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:H8	1:B:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:H8	1:B:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:H8	1:B:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:H8	1:B:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:H8	1:B:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:H8	1:B:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:H8	1:B:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:H8	1:B:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:H8	1:B:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:H8	1:B:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:H8	1:B:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:H8	1:B:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:H8	1:B:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:H8	1:B:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:H8	1:B:20:THR:C	7	1.43
(1,27)	2:X:11:DA:H8	1:B:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:H8	1:B:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:H8	1:B:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:H8	1:B:20:THR:H	7	1.43
(1,27)	2:X:11:DA:H8	1:B:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:H8	1:B:20:THR:N	7	1.43
(1,27)	2:X:11:DA:H8	1:B:20:THR:O	7	1.43
(1,27)	2:X:11:DA:H8	1:B:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:N1	1:A:3:HIS:C	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N1	1:A:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:N1	1:A:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:N1	1:A:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:N1	1:A:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:N1	1:A:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:N1	1:A:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:N1	1:A:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:N1	1:A:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:N1	1:A:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:N1	1:A:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:N1	1:A:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:N1	1:A:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:N1	1:A:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:N1	1:A:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:N1	1:A:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:N1	1:A:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:N1	1:A:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:N1	1:A:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:N1	1:A:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:N1	1:A:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:N1	1:A:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:N1	1:A:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:N1	1:A:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:N1	1:A:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:N1	1:A:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:N1	1:A:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:N1	1:A:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:N1	1:A:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:N1	1:A:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:N1	1:A:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:N1	1:A:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:N1	1:A:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:N1	1:A:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:N1	1:A:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:N1	1:A:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:N1	1:A:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:N1	1:A:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:N1	1:A:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:N1	1:A:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:N1	1:A:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:N1	1:A:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:N1	1:A:9:TRP:C	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N1	1:A:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:N1	1:A:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:N1	1:A:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:N1	1:A:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:N1	1:A:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:N1	1:A:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:N1	1:A:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:N1	1:A:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:N1	1:A:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:N1	1:A:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:N1	1:A:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:N1	1:A:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:N1	1:A:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:N1	1:A:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:N1	1:A:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:N1	1:A:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:N1	1:A:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:N1	1:A:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:N1	1:A:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:N1	1:A:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:N1	1:A:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:N1	1:A:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:N1	1:A:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:N1	1:A:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:N1	1:A:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:N1	1:A:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:N1	1:A:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:N1	1:A:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:N1	1:A:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:N1	1:A:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:N1	1:A:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:N1	1:A:12:SER:C	7	1.43
(1,27)	2:X:11:DA:N1	1:A:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:N1	1:A:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:N1	1:A:12:SER:H	7	1.43
(1,27)	2:X:11:DA:N1	1:A:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:N1	1:A:12:SER:N	7	1.43
(1,27)	2:X:11:DA:N1	1:A:12:SER:O	7	1.43
(1,27)	2:X:11:DA:N1	1:A:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:N1	1:A:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:N1	1:A:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:N1	1:A:16:ARG:CB	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N1	1:A:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:N1	1:A:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:N1	1:A:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:N1	1:A:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:N1	1:A:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:N1	1:A:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:N1	1:A:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:N1	1:A:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:N1	1:A:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:N1	1:A:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:N1	1:A:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:N1	1:A:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:N1	1:A:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:N1	1:A:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:N1	1:A:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:N1	1:A:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:N1	1:A:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:N1	1:A:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:N1	1:A:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:N1	1:A:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:N1	1:A:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:N1	1:A:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:N1	1:A:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:N1	1:A:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:N1	1:A:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:N1	1:A:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:N1	1:A:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:N1	1:A:20:THR:C	7	1.43
(1,27)	2:X:11:DA:N1	1:A:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:N1	1:A:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:N1	1:A:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:N1	1:A:20:THR:H	7	1.43
(1,27)	2:X:11:DA:N1	1:A:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:N1	1:A:20:THR:N	7	1.43
(1,27)	2:X:11:DA:N1	1:A:20:THR:O	7	1.43
(1,27)	2:X:11:DA:N1	1:A:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:N1	1:B:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:N1	1:B:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:N1	1:B:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:N1	1:B:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:N1	1:B:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:N1	1:B:3:HIS:CG	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N1	1:B:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:N1	1:B:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:N1	1:B:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:N1	1:B:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:N1	1:B:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:N1	1:B:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:N1	1:B:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:N1	1:B:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:N1	1:B:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:N1	1:B:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:N1	1:B:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:N1	1:B:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:N1	1:B:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:N1	1:B:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:N1	1:B:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:N1	1:B:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:N1	1:B:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:N1	1:B:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:N1	1:B:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:N1	1:B:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:N1	1:B:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:N1	1:B:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:N1	1:B:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:N1	1:B:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:N1	1:B:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:N1	1:B:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:N1	1:B:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:N1	1:B:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:N1	1:B:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:N1	1:B:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:N1	1:B:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:N1	1:B:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:N1	1:B:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:N1	1:B:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:N1	1:B:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:N1	1:B:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:N1	1:B:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:N1	1:B:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:N1	1:B:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:N1	1:B:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:N1	1:B:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:N1	1:B:9:TRP:CE2	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N1	1:B:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:N1	1:B:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:N1	1:B:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:N1	1:B:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:N1	1:B:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:N1	1:B:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:N1	1:B:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:N1	1:B:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:N1	1:B:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:N1	1:B:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:N1	1:B:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:N1	1:B:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:N1	1:B:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:N1	1:B:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:N1	1:B:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:N1	1:B:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:N1	1:B:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:N1	1:B:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:N1	1:B:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:N1	1:B:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:N1	1:B:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:N1	1:B:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:N1	1:B:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:N1	1:B:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:N1	1:B:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:N1	1:B:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:N1	1:B:12:SER:C	7	1.43
(1,27)	2:X:11:DA:N1	1:B:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:N1	1:B:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:N1	1:B:12:SER:H	7	1.43
(1,27)	2:X:11:DA:N1	1:B:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:N1	1:B:12:SER:N	7	1.43
(1,27)	2:X:11:DA:N1	1:B:12:SER:O	7	1.43
(1,27)	2:X:11:DA:N1	1:B:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:N1	1:B:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:N1	1:B:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:N1	1:B:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:N1	1:B:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:N1	1:B:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:N1	1:B:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:N1	1:B:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:N1	1:B:16:ARG:HE	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N1	1:B:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:N1	1:B:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:N1	1:B:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:N1	1:B:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:N1	1:B:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:N1	1:B:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:N1	1:B:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:N1	1:B:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:N1	1:B:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:N1	1:B:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:N1	1:B:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:N1	1:B:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:N1	1:B:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:N1	1:B:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:N1	1:B:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:N1	1:B:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:N1	1:B:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:N1	1:B:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:N1	1:B:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:N1	1:B:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:N1	1:B:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:N1	1:B:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:N1	1:B:20:THR:C	7	1.43
(1,27)	2:X:11:DA:N1	1:B:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:N1	1:B:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:N1	1:B:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:N1	1:B:20:THR:H	7	1.43
(1,27)	2:X:11:DA:N1	1:B:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:N1	1:B:20:THR:N	7	1.43
(1,27)	2:X:11:DA:N1	1:B:20:THR:O	7	1.43
(1,27)	2:X:11:DA:N1	1:B:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:N3	1:A:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:N3	1:A:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:N3	1:A:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:N3	1:A:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:N3	1:A:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:N3	1:A:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:N3	1:A:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:N3	1:A:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:N3	1:A:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:N3	1:A:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:N3	1:A:3:HIS:NE2	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N3	1:A:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:N3	1:A:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:N3	1:A:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:N3	1:A:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:N3	1:A:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:N3	1:A:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:N3	1:A:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:N3	1:A:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:N3	1:A:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:N3	1:A:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:N3	1:A:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:N3	1:A:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:N3	1:A:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:N3	1:A:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:N3	1:A:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:N3	1:A:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:N3	1:A:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:N3	1:A:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:N3	1:A:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:N3	1:A:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:N3	1:A:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:N3	1:A:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:N3	1:A:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:N3	1:A:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:N3	1:A:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:N3	1:A:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:N3	1:A:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:N3	1:A:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:N3	1:A:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:N3	1:A:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:N3	1:A:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:N3	1:A:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:N3	1:A:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:N3	1:A:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:N3	1:A:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:N3	1:A:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:N3	1:A:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:N3	1:A:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:N3	1:A:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:N3	1:A:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:N3	1:A:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:N3	1:A:9:TRP:CZ3	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N3	1:A:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:N3	1:A:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:N3	1:A:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:N3	1:A:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:N3	1:A:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:N3	1:A:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:N3	1:A:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:N3	1:A:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:N3	1:A:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:N3	1:A:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:N3	1:A:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:N3	1:A:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:N3	1:A:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:N3	1:A:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:N3	1:A:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:N3	1:A:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:N3	1:A:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:N3	1:A:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:N3	1:A:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:N3	1:A:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:N3	1:A:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:N3	1:A:12:SER:C	7	1.43
(1,27)	2:X:11:DA:N3	1:A:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:N3	1:A:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:N3	1:A:12:SER:H	7	1.43
(1,27)	2:X:11:DA:N3	1:A:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:N3	1:A:12:SER:N	7	1.43
(1,27)	2:X:11:DA:N3	1:A:12:SER:O	7	1.43
(1,27)	2:X:11:DA:N3	1:A:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:N3	1:A:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:N3	1:A:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:N3	1:A:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:N3	1:A:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:N3	1:A:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:N3	1:A:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:N3	1:A:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:N3	1:A:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:N3	1:A:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:N3	1:A:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:N3	1:A:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:N3	1:A:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:N3	1:A:16:ARG:N	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N3	1:A:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:N3	1:A:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:N3	1:A:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:N3	1:A:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:N3	1:A:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:N3	1:A:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:N3	1:A:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:N3	1:A:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:N3	1:A:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:N3	1:A:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:N3	1:A:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:N3	1:A:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:N3	1:A:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:N3	1:A:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:N3	1:A:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:N3	1:A:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:N3	1:A:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:N3	1:A:20:THR:C	7	1.43
(1,27)	2:X:11:DA:N3	1:A:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:N3	1:A:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:N3	1:A:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:N3	1:A:20:THR:H	7	1.43
(1,27)	2:X:11:DA:N3	1:A:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:N3	1:A:20:THR:N	7	1.43
(1,27)	2:X:11:DA:N3	1:A:20:THR:O	7	1.43
(1,27)	2:X:11:DA:N3	1:A:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:N3	1:B:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:N3	1:B:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:N3	1:B:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:N3	1:B:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:N3	1:B:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:N3	1:B:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:N3	1:B:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:N3	1:B:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:N3	1:B:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:N3	1:B:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:N3	1:B:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:N3	1:B:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:N3	1:B:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:N3	1:B:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:N3	1:B:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:N3	1:B:7:LYS:CD	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N3	1:B:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:N3	1:B:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:N3	1:B:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:N3	1:B:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:N3	1:B:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:N3	1:B:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:N3	1:B:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:N3	1:B:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:N3	1:B:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:N3	1:B:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:N3	1:B:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:N3	1:B:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:N3	1:B:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:N3	1:B:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:N3	1:B:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:N3	1:B:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:N3	1:B:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:N3	1:B:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:N3	1:B:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:N3	1:B:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:N3	1:B:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:N3	1:B:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:N3	1:B:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:N3	1:B:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:N3	1:B:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:N3	1:B:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:N3	1:B:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:N3	1:B:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:N3	1:B:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:N3	1:B:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:N3	1:B:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:N3	1:B:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:N3	1:B:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:N3	1:B:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:N3	1:B:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:N3	1:B:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:N3	1:B:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:N3	1:B:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:N3	1:B:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:N3	1:B:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:N3	1:B:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:N3	1:B:9:TRP:O	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N3	1:B:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:N3	1:B:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:N3	1:B:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:N3	1:B:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:N3	1:B:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:N3	1:B:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:N3	1:B:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:N3	1:B:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:N3	1:B:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:N3	1:B:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:N3	1:B:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:N3	1:B:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:N3	1:B:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:N3	1:B:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:N3	1:B:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:N3	1:B:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:N3	1:B:12:SER:C	7	1.43
(1,27)	2:X:11:DA:N3	1:B:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:N3	1:B:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:N3	1:B:12:SER:H	7	1.43
(1,27)	2:X:11:DA:N3	1:B:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:N3	1:B:12:SER:N	7	1.43
(1,27)	2:X:11:DA:N3	1:B:12:SER:O	7	1.43
(1,27)	2:X:11:DA:N3	1:B:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:N3	1:B:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:N3	1:B:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:N3	1:B:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:N3	1:B:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:N3	1:B:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:N3	1:B:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:N3	1:B:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:N3	1:B:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:N3	1:B:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:N3	1:B:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:N3	1:B:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:N3	1:B:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:N3	1:B:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:N3	1:B:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:N3	1:B:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:N3	1:B:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:N3	1:B:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:N3	1:B:18:PRO:C	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N3	1:B:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:N3	1:B:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:N3	1:B:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:N3	1:B:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:N3	1:B:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:N3	1:B:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:N3	1:B:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:N3	1:B:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:N3	1:B:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:N3	1:B:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:N3	1:B:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:N3	1:B:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:N3	1:B:20:THR:C	7	1.43
(1,27)	2:X:11:DA:N3	1:B:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:N3	1:B:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:N3	1:B:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:N3	1:B:20:THR:H	7	1.43
(1,27)	2:X:11:DA:N3	1:B:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:N3	1:B:20:THR:N	7	1.43
(1,27)	2:X:11:DA:N3	1:B:20:THR:O	7	1.43
(1,27)	2:X:11:DA:N3	1:B:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:N6	1:A:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:N6	1:A:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:N6	1:A:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:N6	1:A:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:N6	1:A:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:N6	1:A:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:N6	1:A:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:N6	1:A:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:N6	1:A:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:N6	1:A:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:N6	1:A:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:N6	1:A:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:N6	1:A:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:N6	1:A:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:N6	1:A:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:N6	1:A:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:N6	1:A:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:N6	1:A:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:N6	1:A:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:N6	1:A:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:N6	1:A:7:LYS:HZ2	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N6	1:A:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:N6	1:A:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:N6	1:A:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:N6	1:A:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:N6	1:A:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:N6	1:A:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:N6	1:A:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:N6	1:A:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:N6	1:A:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:N6	1:A:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:N6	1:A:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:N6	1:A:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:N6	1:A:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:N6	1:A:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:N6	1:A:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:N6	1:A:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:N6	1:A:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:N6	1:A:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:N6	1:A:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:N6	1:A:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:N6	1:A:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:N6	1:A:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:N6	1:A:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:N6	1:A:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:N6	1:A:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:N6	1:A:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:N6	1:A:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:N6	1:A:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:N6	1:A:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:N6	1:A:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:N6	1:A:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:N6	1:A:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:N6	1:A:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:N6	1:A:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:N6	1:A:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:N6	1:A:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:N6	1:A:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:N6	1:A:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:N6	1:A:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:N6	1:A:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:N6	1:A:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:N6	1:A:10:GLY:O	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N6	1:A:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:N6	1:A:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:N6	1:A:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:N6	1:A:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:N6	1:A:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:N6	1:A:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:N6	1:A:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:N6	1:A:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:N6	1:A:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:N6	1:A:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:N6	1:A:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:N6	1:A:12:SER:C	7	1.43
(1,27)	2:X:11:DA:N6	1:A:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:N6	1:A:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:N6	1:A:12:SER:H	7	1.43
(1,27)	2:X:11:DA:N6	1:A:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:N6	1:A:12:SER:N	7	1.43
(1,27)	2:X:11:DA:N6	1:A:12:SER:O	7	1.43
(1,27)	2:X:11:DA:N6	1:A:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:N6	1:A:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:N6	1:A:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:N6	1:A:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:N6	1:A:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:N6	1:A:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:N6	1:A:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:N6	1:A:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:N6	1:A:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:N6	1:A:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:N6	1:A:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:N6	1:A:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:N6	1:A:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:N6	1:A:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:N6	1:A:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:N6	1:A:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:N6	1:A:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:N6	1:A:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:N6	1:A:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:N6	1:A:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:N6	1:A:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:N6	1:A:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:N6	1:A:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:N6	1:A:18:PRO:N	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N6	1:A:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:N6	1:A:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:N6	1:A:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:N6	1:A:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:N6	1:A:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:N6	1:A:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:N6	1:A:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:N6	1:A:20:THR:C	7	1.43
(1,27)	2:X:11:DA:N6	1:A:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:N6	1:A:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:N6	1:A:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:N6	1:A:20:THR:H	7	1.43
(1,27)	2:X:11:DA:N6	1:A:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:N6	1:A:20:THR:N	7	1.43
(1,27)	2:X:11:DA:N6	1:A:20:THR:O	7	1.43
(1,27)	2:X:11:DA:N6	1:A:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:N6	1:B:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:N6	1:B:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:N6	1:B:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:N6	1:B:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:N6	1:B:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:N6	1:B:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:N6	1:B:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:N6	1:B:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:N6	1:B:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:N6	1:B:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:N6	1:B:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:N6	1:B:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:N6	1:B:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:N6	1:B:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:N6	1:B:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:N6	1:B:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:N6	1:B:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:N6	1:B:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:N6	1:B:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:N6	1:B:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:N6	1:B:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:N6	1:B:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:N6	1:B:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:N6	1:B:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:N6	1:B:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:N6	1:B:8:ARG:C	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N6	1:B:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:N6	1:B:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:N6	1:B:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:N6	1:B:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:N6	1:B:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:N6	1:B:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:N6	1:B:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:N6	1:B:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:N6	1:B:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:N6	1:B:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:N6	1:B:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:N6	1:B:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:N6	1:B:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:N6	1:B:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:N6	1:B:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:N6	1:B:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:N6	1:B:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:N6	1:B:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:N6	1:B:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:N6	1:B:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:N6	1:B:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:N6	1:B:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:N6	1:B:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:N6	1:B:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:N6	1:B:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:N6	1:B:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:N6	1:B:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:N6	1:B:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:N6	1:B:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:N6	1:B:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:N6	1:B:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:N6	1:B:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:N6	1:B:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:N6	1:B:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:N6	1:B:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:N6	1:B:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:N6	1:B:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:N6	1:B:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:N6	1:B:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:N6	1:B:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:N6	1:B:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:N6	1:B:11:ASN:H	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N6	1:B:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:N6	1:B:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:N6	1:B:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:N6	1:B:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:N6	1:B:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:N6	1:B:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:N6	1:B:12:SER:C	7	1.43
(1,27)	2:X:11:DA:N6	1:B:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:N6	1:B:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:N6	1:B:12:SER:H	7	1.43
(1,27)	2:X:11:DA:N6	1:B:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:N6	1:B:12:SER:N	7	1.43
(1,27)	2:X:11:DA:N6	1:B:12:SER:O	7	1.43
(1,27)	2:X:11:DA:N6	1:B:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:N6	1:B:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:N6	1:B:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:N6	1:B:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:N6	1:B:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:N6	1:B:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:N6	1:B:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:N6	1:B:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:N6	1:B:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:N6	1:B:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:N6	1:B:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:N6	1:B:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:N6	1:B:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:N6	1:B:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:N6	1:B:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:N6	1:B:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:N6	1:B:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:N6	1:B:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:N6	1:B:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:N6	1:B:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:N6	1:B:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:N6	1:B:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:N6	1:B:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:N6	1:B:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:N6	1:B:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:N6	1:B:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:N6	1:B:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:N6	1:B:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:N6	1:B:19:ALA:H	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N6	1:B:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:N6	1:B:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:N6	1:B:20:THR:C	7	1.43
(1,27)	2:X:11:DA:N6	1:B:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:N6	1:B:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:N6	1:B:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:N6	1:B:20:THR:H	7	1.43
(1,27)	2:X:11:DA:N6	1:B:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:N6	1:B:20:THR:N	7	1.43
(1,27)	2:X:11:DA:N6	1:B:20:THR:O	7	1.43
(1,27)	2:X:11:DA:N6	1:B:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:N7	1:A:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:N7	1:A:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:N7	1:A:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:N7	1:A:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:N7	1:A:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:N7	1:A:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:N7	1:A:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:N7	1:A:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:N7	1:A:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:N7	1:A:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:N7	1:A:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:N7	1:A:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:N7	1:A:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:N7	1:A:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:N7	1:A:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:N7	1:A:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:N7	1:A:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:N7	1:A:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:N7	1:A:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:N7	1:A:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:N7	1:A:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:N7	1:A:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:N7	1:A:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:N7	1:A:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:N7	1:A:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:N7	1:A:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:N7	1:A:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:N7	1:A:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:N7	1:A:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:N7	1:A:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:N7	1:A:8:ARG:CZ	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N7	1:A:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:N7	1:A:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:N7	1:A:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:N7	1:A:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:N7	1:A:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:N7	1:A:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:N7	1:A:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:N7	1:A:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:N7	1:A:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:N7	1:A:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:N7	1:A:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:N7	1:A:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:N7	1:A:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:N7	1:A:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:N7	1:A:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:N7	1:A:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:N7	1:A:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:N7	1:A:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:N7	1:A:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:N7	1:A:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:N7	1:A:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:N7	1:A:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:N7	1:A:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:N7	1:A:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:N7	1:A:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:N7	1:A:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:N7	1:A:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:N7	1:A:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:N7	1:A:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:N7	1:A:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:N7	1:A:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:N7	1:A:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:N7	1:A:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:N7	1:A:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:N7	1:A:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:N7	1:A:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:N7	1:A:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:N7	1:A:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:N7	1:A:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:N7	1:A:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:N7	1:A:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:N7	1:A:11:ASN:O	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N7	1:A:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:N7	1:A:12:SER:C	7	1.43
(1,27)	2:X:11:DA:N7	1:A:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:N7	1:A:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:N7	1:A:12:SER:H	7	1.43
(1,27)	2:X:11:DA:N7	1:A:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:N7	1:A:12:SER:N	7	1.43
(1,27)	2:X:11:DA:N7	1:A:12:SER:O	7	1.43
(1,27)	2:X:11:DA:N7	1:A:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:N7	1:A:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:N7	1:A:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:N7	1:A:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:N7	1:A:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:N7	1:A:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:N7	1:A:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:N7	1:A:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:N7	1:A:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:N7	1:A:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:N7	1:A:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:N7	1:A:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:N7	1:A:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:N7	1:A:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:N7	1:A:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:N7	1:A:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:N7	1:A:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:N7	1:A:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:N7	1:A:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:N7	1:A:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:N7	1:A:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:N7	1:A:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:N7	1:A:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:N7	1:A:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:N7	1:A:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:N7	1:A:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:N7	1:A:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:N7	1:A:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:N7	1:A:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:N7	1:A:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:N7	1:A:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:N7	1:A:20:THR:C	7	1.43
(1,27)	2:X:11:DA:N7	1:A:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:N7	1:A:20:THR:CB	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N7	1:A:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:N7	1:A:20:THR:H	7	1.43
(1,27)	2:X:11:DA:N7	1:A:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:N7	1:A:20:THR:N	7	1.43
(1,27)	2:X:11:DA:N7	1:A:20:THR:O	7	1.43
(1,27)	2:X:11:DA:N7	1:A:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:N7	1:B:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:N7	1:B:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:N7	1:B:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:N7	1:B:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:N7	1:B:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:N7	1:B:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:N7	1:B:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:N7	1:B:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:N7	1:B:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:N7	1:B:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:N7	1:B:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:N7	1:B:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:N7	1:B:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:N7	1:B:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:N7	1:B:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:N7	1:B:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:N7	1:B:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:N7	1:B:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:N7	1:B:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:N7	1:B:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:N7	1:B:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:N7	1:B:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:N7	1:B:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:N7	1:B:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:N7	1:B:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:N7	1:B:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:N7	1:B:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:N7	1:B:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:N7	1:B:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:N7	1:B:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:N7	1:B:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:N7	1:B:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:N7	1:B:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:N7	1:B:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:N7	1:B:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:N7	1:B:8:ARG:HH21	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N7	1:B:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:N7	1:B:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:N7	1:B:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:N7	1:B:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:N7	1:B:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:N7	1:B:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:N7	1:B:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:N7	1:B:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:N7	1:B:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:N7	1:B:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:N7	1:B:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:N7	1:B:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:N7	1:B:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:N7	1:B:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:N7	1:B:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:N7	1:B:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:N7	1:B:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:N7	1:B:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:N7	1:B:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:N7	1:B:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:N7	1:B:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:N7	1:B:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:N7	1:B:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:N7	1:B:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:N7	1:B:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:N7	1:B:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:N7	1:B:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:N7	1:B:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:N7	1:B:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:N7	1:B:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:N7	1:B:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:N7	1:B:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:N7	1:B:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:N7	1:B:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:N7	1:B:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:N7	1:B:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:N7	1:B:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:N7	1:B:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:N7	1:B:12:SER:C	7	1.43
(1,27)	2:X:11:DA:N7	1:B:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:N7	1:B:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:N7	1:B:12:SER:H	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N7	1:B:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:N7	1:B:12:SER:N	7	1.43
(1,27)	2:X:11:DA:N7	1:B:12:SER:O	7	1.43
(1,27)	2:X:11:DA:N7	1:B:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:N7	1:B:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:N7	1:B:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:N7	1:B:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:N7	1:B:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:N7	1:B:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:N7	1:B:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:N7	1:B:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:N7	1:B:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:N7	1:B:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:N7	1:B:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:N7	1:B:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:N7	1:B:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:N7	1:B:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:N7	1:B:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:N7	1:B:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:N7	1:B:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:N7	1:B:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:N7	1:B:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:N7	1:B:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:N7	1:B:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:N7	1:B:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:N7	1:B:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:N7	1:B:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:N7	1:B:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:N7	1:B:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:N7	1:B:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:N7	1:B:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:N7	1:B:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:N7	1:B:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:N7	1:B:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:N7	1:B:20:THR:C	7	1.43
(1,27)	2:X:11:DA:N7	1:B:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:N7	1:B:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:N7	1:B:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:N7	1:B:20:THR:H	7	1.43
(1,27)	2:X:11:DA:N7	1:B:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:N7	1:B:20:THR:N	7	1.43
(1,27)	2:X:11:DA:N7	1:B:20:THR:O	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N7	1:B:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:N9	1:A:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:N9	1:A:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:N9	1:A:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:N9	1:A:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:N9	1:A:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:N9	1:A:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:N9	1:A:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:N9	1:A:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:N9	1:A:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:N9	1:A:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:N9	1:A:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:N9	1:A:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:N9	1:A:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:N9	1:A:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:N9	1:A:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:N9	1:A:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:N9	1:A:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:N9	1:A:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:N9	1:A:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:N9	1:A:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:N9	1:A:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:N9	1:A:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:N9	1:A:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:N9	1:A:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:N9	1:A:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:N9	1:A:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:N9	1:A:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:N9	1:A:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:N9	1:A:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:N9	1:A:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:N9	1:A:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:N9	1:A:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:N9	1:A:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:N9	1:A:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:N9	1:A:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:N9	1:A:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:N9	1:A:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:N9	1:A:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:N9	1:A:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:N9	1:A:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:N9	1:A:8:ARG:NH2	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N9	1:A:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:N9	1:A:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:N9	1:A:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:N9	1:A:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:N9	1:A:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:N9	1:A:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:N9	1:A:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:N9	1:A:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:N9	1:A:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:N9	1:A:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:N9	1:A:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:N9	1:A:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:N9	1:A:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:N9	1:A:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:N9	1:A:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:N9	1:A:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:N9	1:A:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:N9	1:A:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:N9	1:A:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:N9	1:A:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:N9	1:A:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:N9	1:A:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:N9	1:A:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:N9	1:A:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:N9	1:A:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:N9	1:A:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:N9	1:A:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:N9	1:A:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:N9	1:A:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:N9	1:A:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:N9	1:A:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:N9	1:A:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:N9	1:A:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:N9	1:A:12:SER:C	7	1.43
(1,27)	2:X:11:DA:N9	1:A:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:N9	1:A:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:N9	1:A:12:SER:H	7	1.43
(1,27)	2:X:11:DA:N9	1:A:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:N9	1:A:12:SER:N	7	1.43
(1,27)	2:X:11:DA:N9	1:A:12:SER:O	7	1.43
(1,27)	2:X:11:DA:N9	1:A:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:N9	1:A:16:ARG:C	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N9	1:A:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:N9	1:A:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:N9	1:A:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:N9	1:A:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:N9	1:A:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:N9	1:A:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:N9	1:A:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:N9	1:A:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:N9	1:A:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:N9	1:A:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:N9	1:A:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:N9	1:A:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:N9	1:A:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:N9	1:A:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:N9	1:A:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:N9	1:A:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:N9	1:A:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:N9	1:A:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:N9	1:A:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:N9	1:A:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:N9	1:A:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:N9	1:A:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:N9	1:A:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:N9	1:A:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:N9	1:A:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:N9	1:A:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:N9	1:A:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:N9	1:A:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:N9	1:A:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:N9	1:A:20:THR:C	7	1.43
(1,27)	2:X:11:DA:N9	1:A:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:N9	1:A:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:N9	1:A:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:N9	1:A:20:THR:H	7	1.43
(1,27)	2:X:11:DA:N9	1:A:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:N9	1:A:20:THR:N	7	1.43
(1,27)	2:X:11:DA:N9	1:A:20:THR:O	7	1.43
(1,27)	2:X:11:DA:N9	1:A:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:N9	1:B:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:N9	1:B:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:N9	1:B:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:N9	1:B:3:HIS:CD2	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N9	1:B:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:N9	1:B:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:N9	1:B:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:N9	1:B:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:N9	1:B:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:N9	1:B:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:N9	1:B:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:N9	1:B:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:N9	1:B:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:N9	1:B:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:N9	1:B:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:N9	1:B:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:N9	1:B:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:N9	1:B:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:N9	1:B:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:N9	1:B:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:N9	1:B:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:N9	1:B:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:N9	1:B:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:N9	1:B:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:N9	1:B:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:N9	1:B:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:N9	1:B:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:N9	1:B:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:N9	1:B:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:N9	1:B:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:N9	1:B:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:N9	1:B:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:N9	1:B:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:N9	1:B:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:N9	1:B:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:N9	1:B:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:N9	1:B:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:N9	1:B:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:N9	1:B:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:N9	1:B:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:N9	1:B:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:N9	1:B:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:N9	1:B:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:N9	1:B:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:N9	1:B:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:N9	1:B:9:TRP:CD1	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N9	1:B:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:N9	1:B:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:N9	1:B:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:N9	1:B:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:N9	1:B:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:N9	1:B:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:N9	1:B:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:N9	1:B:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:N9	1:B:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:N9	1:B:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:N9	1:B:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:N9	1:B:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:N9	1:B:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:N9	1:B:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:N9	1:B:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:N9	1:B:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:N9	1:B:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:N9	1:B:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:N9	1:B:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:N9	1:B:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:N9	1:B:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:N9	1:B:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:N9	1:B:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:N9	1:B:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:N9	1:B:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:N9	1:B:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:N9	1:B:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:N9	1:B:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:N9	1:B:12:SER:C	7	1.43
(1,27)	2:X:11:DA:N9	1:B:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:N9	1:B:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:N9	1:B:12:SER:H	7	1.43
(1,27)	2:X:11:DA:N9	1:B:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:N9	1:B:12:SER:N	7	1.43
(1,27)	2:X:11:DA:N9	1:B:12:SER:O	7	1.43
(1,27)	2:X:11:DA:N9	1:B:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:N9	1:B:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:N9	1:B:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:N9	1:B:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:N9	1:B:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:N9	1:B:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:N9	1:B:16:ARG:CZ	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:N9	1:B:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:N9	1:B:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:N9	1:B:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:N9	1:B:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:N9	1:B:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:N9	1:B:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:N9	1:B:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:N9	1:B:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:N9	1:B:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:N9	1:B:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:N9	1:B:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:N9	1:B:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:N9	1:B:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:N9	1:B:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:N9	1:B:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:N9	1:B:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:N9	1:B:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:N9	1:B:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:N9	1:B:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:N9	1:B:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:N9	1:B:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:N9	1:B:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:N9	1:B:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:N9	1:B:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:N9	1:B:20:THR:C	7	1.43
(1,27)	2:X:11:DA:N9	1:B:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:N9	1:B:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:N9	1:B:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:N9	1:B:20:THR:H	7	1.43
(1,27)	2:X:11:DA:N9	1:B:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:N9	1:B:20:THR:N	7	1.43
(1,27)	2:X:11:DA:N9	1:B:20:THR:O	7	1.43
(1,27)	2:X:11:DA:N9	1:B:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:3:HIS:N	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:O3'	1:A:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:9:TRP:CH2	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:O3'	1:A:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:12:SER:C	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:12:SER:H	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:12:SER:N	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:12:SER:O	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:16:ARG:HH21	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:O3'	1:A:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:20:THR:C	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:20:THR:H	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:20:THR:N	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:20:THR:O	7	1.43
(1,27)	2:X:11:DA:O3'	1:A:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:7:LYS:CA	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:O3'	1:B:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:9:TRP:N	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:O3'	1:B:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:12:SER:C	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:12:SER:H	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:12:SER:N	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:12:SER:O	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:16:ARG:NH2	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:O3'	1:B:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:20:THR:C	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:20:THR:H	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:20:THR:N	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:20:THR:O	7	1.43
(1,27)	2:X:11:DA:O3'	1:B:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:7:LYS:H	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:O4'	1:A:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:10:GLY:H	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:O4'	1:A:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:12:SER:C	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:12:SER:H	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:12:SER:N	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:12:SER:O	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:18:PRO:CD	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:O4'	1:A:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:20:THR:C	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:20:THR:H	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:20:THR:N	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:20:THR:O	7	1.43
(1,27)	2:X:11:DA:O4'	1:A:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:7:LYS:NZ	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:O4'	1:B:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:11:ASN:CB	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:O4'	1:B:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:12:SER:C	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:12:SER:H	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:12:SER:N	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:12:SER:O	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:19:ALA:CA	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:O4'	1:B:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:20:THR:C	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:20:THR:H	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:20:THR:N	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:20:THR:O	7	1.43
(1,27)	2:X:11:DA:O4'	1:B:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:8:ARG:CD	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:O5'	1:A:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:11:ASN:N	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:O5'	1:A:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:12:SER:C	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:12:SER:H	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:12:SER:N	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:12:SER:O	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:20:THR:C	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:O5'	1:A:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:20:THR:H	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:20:THR:N	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:20:THR:O	7	1.43
(1,27)	2:X:11:DA:O5'	1:A:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:8:ARG:HH11	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:O5'	1:B:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:12:SER:C	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:12:SER:CA	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:O5'	1:B:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:12:SER:H	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:12:SER:N	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:12:SER:O	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:20:THR:C	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:20:THR:H	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:20:THR:HG1	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:O5'	1:B:20:THR:N	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:20:THR:O	7	1.43
(1,27)	2:X:11:DA:O5'	1:B:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:NE	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:12:SER:C	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:12:SER:H	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:12:SER:N	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:12:SER:O	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:OP1	1:A:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:20:THR:C	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:20:THR:H	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:20:THR:N	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:20:THR:O	7	1.43
(1,27)	2:X:11:DA:OP1	1:A:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:3:HIS:CA	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:OP1	1:B:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:9:TRP:CA	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:OP1	1:B:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:12:SER:C	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:12:SER:H	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:12:SER:N	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:12:SER:O	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:CD	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:20:THR:C	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:20:THR:H	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:20:THR:N	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:20:THR:O	7	1.43
(1,27)	2:X:11:DA:OP1	1:B:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:3:HIS:H	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:OP2	1:A:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:9:TRP:CE3	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:OP2	1:A:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:12:SER:C	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:12:SER:H	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:12:SER:N	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:12:SER:O	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:HH11	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:20:THR:C	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:20:THR:H	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:20:THR:N	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:20:THR:O	7	1.43
(1,27)	2:X:11:DA:OP2	1:A:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:3:HIS:O	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:OP2	1:B:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:9:TRP:H	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:OP2	1:B:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:12:SER:C	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:12:SER:H	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:12:SER:N	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:12:SER:O	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:NE	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:20:THR:C	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:20:THR:H	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:20:THR:N	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:20:THR:O	7	1.43
(1,27)	2:X:11:DA:OP2	1:B:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:P	1:A:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:P	1:A:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:P	1:A:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:P	1:A:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:P	1:A:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:P	1:A:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:P	1:A:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:P	1:A:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:P	1:A:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:P	1:A:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:P	1:A:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:P	1:A:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:P	1:A:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:P	1:A:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:P	1:A:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:P	1:A:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:P	1:A:7:LYS:CE	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:P	1:A:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:P	1:A:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:P	1:A:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:P	1:A:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:P	1:A:7:LYS:HZ3	7	1.43
(1,27)	2:X:11:DA:P	1:A:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:P	1:A:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:P	1:A:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:P	1:A:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:P	1:A:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:P	1:A:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:P	1:A:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:P	1:A:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:P	1:A:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:P	1:A:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:P	1:A:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:P	1:A:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:P	1:A:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:P	1:A:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:P	1:A:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:P	1:A:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:P	1:A:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:P	1:A:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:P	1:A:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:P	1:A:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:P	1:A:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:P	1:A:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:P	1:A:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:P	1:A:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:P	1:A:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:P	1:A:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:P	1:A:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:P	1:A:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:P	1:A:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:P	1:A:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:P	1:A:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:P	1:A:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:P	1:A:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:P	1:A:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:P	1:A:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:P	1:A:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:P	1:A:10:GLY:C	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:P	1:A:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:P	1:A:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:P	1:A:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:P	1:A:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:P	1:A:11:ASN:C	7	1.43
(1,27)	2:X:11:DA:P	1:A:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:P	1:A:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:P	1:A:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:P	1:A:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:P	1:A:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:P	1:A:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:P	1:A:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:P	1:A:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:P	1:A:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:P	1:A:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:P	1:A:12:SER:C	7	1.43
(1,27)	2:X:11:DA:P	1:A:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:P	1:A:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:P	1:A:12:SER:H	7	1.43
(1,27)	2:X:11:DA:P	1:A:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:P	1:A:12:SER:N	7	1.43
(1,27)	2:X:11:DA:P	1:A:12:SER:O	7	1.43
(1,27)	2:X:11:DA:P	1:A:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:P	1:A:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:P	1:A:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:P	1:A:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:P	1:A:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:P	1:A:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:P	1:A:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:P	1:A:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:P	1:A:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:P	1:A:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:P	1:A:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:P	1:A:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:P	1:A:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:P	1:A:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:P	1:A:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:P	1:A:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:P	1:A:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:P	1:A:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:P	1:A:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:P	1:A:18:PRO:CA	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:P	1:A:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:P	1:A:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:P	1:A:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:P	1:A:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:P	1:A:18:PRO:O	7	1.43
(1,27)	2:X:11:DA:P	1:A:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:P	1:A:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:P	1:A:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:P	1:A:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:P	1:A:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:P	1:A:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:P	1:A:20:THR:C	7	1.43
(1,27)	2:X:11:DA:P	1:A:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:P	1:A:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:P	1:A:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:P	1:A:20:THR:H	7	1.43
(1,27)	2:X:11:DA:P	1:A:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:P	1:A:20:THR:N	7	1.43
(1,27)	2:X:11:DA:P	1:A:20:THR:O	7	1.43
(1,27)	2:X:11:DA:P	1:A:20:THR:OG1	7	1.43
(1,27)	2:X:11:DA:P	1:B:3:HIS:C	7	1.43
(1,27)	2:X:11:DA:P	1:B:3:HIS:CA	7	1.43
(1,27)	2:X:11:DA:P	1:B:3:HIS:CB	7	1.43
(1,27)	2:X:11:DA:P	1:B:3:HIS:CD2	7	1.43
(1,27)	2:X:11:DA:P	1:B:3:HIS:CE1	7	1.43
(1,27)	2:X:11:DA:P	1:B:3:HIS:CG	7	1.43
(1,27)	2:X:11:DA:P	1:B:3:HIS:H	7	1.43
(1,27)	2:X:11:DA:P	1:B:3:HIS:HD1	7	1.43
(1,27)	2:X:11:DA:P	1:B:3:HIS:N	7	1.43
(1,27)	2:X:11:DA:P	1:B:3:HIS:ND1	7	1.43
(1,27)	2:X:11:DA:P	1:B:3:HIS:NE2	7	1.43
(1,27)	2:X:11:DA:P	1:B:3:HIS:O	7	1.43
(1,27)	2:X:11:DA:P	1:B:7:LYS:C	7	1.43
(1,27)	2:X:11:DA:P	1:B:7:LYS:CA	7	1.43
(1,27)	2:X:11:DA:P	1:B:7:LYS:CB	7	1.43
(1,27)	2:X:11:DA:P	1:B:7:LYS:CD	7	1.43
(1,27)	2:X:11:DA:P	1:B:7:LYS:CE	7	1.43
(1,27)	2:X:11:DA:P	1:B:7:LYS:CG	7	1.43
(1,27)	2:X:11:DA:P	1:B:7:LYS:H	7	1.43
(1,27)	2:X:11:DA:P	1:B:7:LYS:HZ1	7	1.43
(1,27)	2:X:11:DA:P	1:B:7:LYS:HZ2	7	1.43
(1,27)	2:X:11:DA:P	1:B:7:LYS:HZ3	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:P	1:B:7:LYS:N	7	1.43
(1,27)	2:X:11:DA:P	1:B:7:LYS:NZ	7	1.43
(1,27)	2:X:11:DA:P	1:B:7:LYS:O	7	1.43
(1,27)	2:X:11:DA:P	1:B:8:ARG:C	7	1.43
(1,27)	2:X:11:DA:P	1:B:8:ARG:CA	7	1.43
(1,27)	2:X:11:DA:P	1:B:8:ARG:CB	7	1.43
(1,27)	2:X:11:DA:P	1:B:8:ARG:CD	7	1.43
(1,27)	2:X:11:DA:P	1:B:8:ARG:CG	7	1.43
(1,27)	2:X:11:DA:P	1:B:8:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:P	1:B:8:ARG:H	7	1.43
(1,27)	2:X:11:DA:P	1:B:8:ARG:HE	7	1.43
(1,27)	2:X:11:DA:P	1:B:8:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:P	1:B:8:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:P	1:B:8:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:P	1:B:8:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:P	1:B:8:ARG:N	7	1.43
(1,27)	2:X:11:DA:P	1:B:8:ARG:NE	7	1.43
(1,27)	2:X:11:DA:P	1:B:8:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:P	1:B:8:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:P	1:B:8:ARG:O	7	1.43
(1,27)	2:X:11:DA:P	1:B:9:TRP:C	7	1.43
(1,27)	2:X:11:DA:P	1:B:9:TRP:CA	7	1.43
(1,27)	2:X:11:DA:P	1:B:9:TRP:CB	7	1.43
(1,27)	2:X:11:DA:P	1:B:9:TRP:CD1	7	1.43
(1,27)	2:X:11:DA:P	1:B:9:TRP:CD2	7	1.43
(1,27)	2:X:11:DA:P	1:B:9:TRP:CE2	7	1.43
(1,27)	2:X:11:DA:P	1:B:9:TRP:CE3	7	1.43
(1,27)	2:X:11:DA:P	1:B:9:TRP:CG	7	1.43
(1,27)	2:X:11:DA:P	1:B:9:TRP:CH2	7	1.43
(1,27)	2:X:11:DA:P	1:B:9:TRP:CZ2	7	1.43
(1,27)	2:X:11:DA:P	1:B:9:TRP:CZ3	7	1.43
(1,27)	2:X:11:DA:P	1:B:9:TRP:H	7	1.43
(1,27)	2:X:11:DA:P	1:B:9:TRP:HE1	7	1.43
(1,27)	2:X:11:DA:P	1:B:9:TRP:N	7	1.43
(1,27)	2:X:11:DA:P	1:B:9:TRP:NE1	7	1.43
(1,27)	2:X:11:DA:P	1:B:9:TRP:O	7	1.43
(1,27)	2:X:11:DA:P	1:B:10:GLY:C	7	1.43
(1,27)	2:X:11:DA:P	1:B:10:GLY:CA	7	1.43
(1,27)	2:X:11:DA:P	1:B:10:GLY:H	7	1.43
(1,27)	2:X:11:DA:P	1:B:10:GLY:N	7	1.43
(1,27)	2:X:11:DA:P	1:B:10:GLY:O	7	1.43
(1,27)	2:X:11:DA:P	1:B:11:ASN:C	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:P	1:B:11:ASN:CA	7	1.43
(1,27)	2:X:11:DA:P	1:B:11:ASN:CB	7	1.43
(1,27)	2:X:11:DA:P	1:B:11:ASN:CG	7	1.43
(1,27)	2:X:11:DA:P	1:B:11:ASN:H	7	1.43
(1,27)	2:X:11:DA:P	1:B:11:ASN:HD21	7	1.43
(1,27)	2:X:11:DA:P	1:B:11:ASN:HD22	7	1.43
(1,27)	2:X:11:DA:P	1:B:11:ASN:N	7	1.43
(1,27)	2:X:11:DA:P	1:B:11:ASN:ND2	7	1.43
(1,27)	2:X:11:DA:P	1:B:11:ASN:O	7	1.43
(1,27)	2:X:11:DA:P	1:B:11:ASN:OD1	7	1.43
(1,27)	2:X:11:DA:P	1:B:12:SER:C	7	1.43
(1,27)	2:X:11:DA:P	1:B:12:SER:CA	7	1.43
(1,27)	2:X:11:DA:P	1:B:12:SER:CB	7	1.43
(1,27)	2:X:11:DA:P	1:B:12:SER:H	7	1.43
(1,27)	2:X:11:DA:P	1:B:12:SER:HG	7	1.43
(1,27)	2:X:11:DA:P	1:B:12:SER:N	7	1.43
(1,27)	2:X:11:DA:P	1:B:12:SER:O	7	1.43
(1,27)	2:X:11:DA:P	1:B:12:SER:OG	7	1.43
(1,27)	2:X:11:DA:P	1:B:16:ARG:C	7	1.43
(1,27)	2:X:11:DA:P	1:B:16:ARG:CA	7	1.43
(1,27)	2:X:11:DA:P	1:B:16:ARG:CB	7	1.43
(1,27)	2:X:11:DA:P	1:B:16:ARG:CD	7	1.43
(1,27)	2:X:11:DA:P	1:B:16:ARG:CG	7	1.43
(1,27)	2:X:11:DA:P	1:B:16:ARG:CZ	7	1.43
(1,27)	2:X:11:DA:P	1:B:16:ARG:H	7	1.43
(1,27)	2:X:11:DA:P	1:B:16:ARG:HE	7	1.43
(1,27)	2:X:11:DA:P	1:B:16:ARG:HH11	7	1.43
(1,27)	2:X:11:DA:P	1:B:16:ARG:HH12	7	1.43
(1,27)	2:X:11:DA:P	1:B:16:ARG:HH21	7	1.43
(1,27)	2:X:11:DA:P	1:B:16:ARG:HH22	7	1.43
(1,27)	2:X:11:DA:P	1:B:16:ARG:N	7	1.43
(1,27)	2:X:11:DA:P	1:B:16:ARG:NE	7	1.43
(1,27)	2:X:11:DA:P	1:B:16:ARG:NH1	7	1.43
(1,27)	2:X:11:DA:P	1:B:16:ARG:NH2	7	1.43
(1,27)	2:X:11:DA:P	1:B:16:ARG:O	7	1.43
(1,27)	2:X:11:DA:P	1:B:18:PRO:C	7	1.43
(1,27)	2:X:11:DA:P	1:B:18:PRO:CA	7	1.43
(1,27)	2:X:11:DA:P	1:B:18:PRO:CB	7	1.43
(1,27)	2:X:11:DA:P	1:B:18:PRO:CD	7	1.43
(1,27)	2:X:11:DA:P	1:B:18:PRO:CG	7	1.43
(1,27)	2:X:11:DA:P	1:B:18:PRO:N	7	1.43
(1,27)	2:X:11:DA:P	1:B:18:PRO:O	7	1.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	2:X:11:DA:P	1:B:19:ALA:C	7	1.43
(1,27)	2:X:11:DA:P	1:B:19:ALA:CA	7	1.43
(1,27)	2:X:11:DA:P	1:B:19:ALA:CB	7	1.43
(1,27)	2:X:11:DA:P	1:B:19:ALA:H	7	1.43
(1,27)	2:X:11:DA:P	1:B:19:ALA:N	7	1.43
(1,27)	2:X:11:DA:P	1:B:19:ALA:O	7	1.43
(1,27)	2:X:11:DA:P	1:B:20:THR:C	7	1.43
(1,27)	2:X:11:DA:P	1:B:20:THR:CA	7	1.43
(1,27)	2:X:11:DA:P	1:B:20:THR:CB	7	1.43
(1,27)	2:X:11:DA:P	1:B:20:THR:CG2	7	1.43
(1,27)	2:X:11:DA:P	1:B:20:THR:H	7	1.43
(1,27)	2:X:11:DA:P	1:B:20:THR:HG1	7	1.43
(1,27)	2:X:11:DA:P	1:B:20:THR:N	7	1.43
(1,27)	2:X:11:DA:P	1:B:20:THR:O	7	1.43
(1,27)	2:X:11:DA:P	1:B:20:THR:OG1	7	1.43
(1,9)	1:A:19:ALA:C	2:X:3:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:3:DT:C2	6	1.38
(1,9)	1:A:19:ALA:C	2:X:3:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:3:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:3:DT:C4	6	1.38
(1,9)	1:A:19:ALA:C	2:X:3:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:3:DT:C5	6	1.38
(1,9)	1:A:19:ALA:C	2:X:3:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:3:DT:C6	6	1.38
(1,9)	1:A:19:ALA:C	2:X:3:DT:C7	6	1.38
(1,9)	1:A:19:ALA:C	2:X:3:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:3:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:3:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:C	2:X:3:DT:H3	6	1.38
(1,9)	1:A:19:ALA:C	2:X:3:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:3:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:3:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:3:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:C	2:X:3:DT:H6	6	1.38
(1,9)	1:A:19:ALA:C	2:X:3:DT:H71	6	1.38
(1,9)	1:A:19:ALA:C	2:X:3:DT:H72	6	1.38
(1,9)	1:A:19:ALA:C	2:X:3:DT:H73	6	1.38
(1,9)	1:A:19:ALA:C	2:X:3:DT:N1	6	1.38
(1,9)	1:A:19:ALA:C	2:X:3:DT:N3	6	1.38
(1,9)	1:A:19:ALA:C	2:X:3:DT:O2	6	1.38
(1,9)	1:A:19:ALA:C	2:X:3:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:3:DT:O4	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:C	2:X:3:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:3:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:3:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:C	2:X:3:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:C	2:X:3:DT:P	6	1.38
(1,9)	1:A:19:ALA:C	2:X:4:DG:C1'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:4:DG:C2	6	1.38
(1,9)	1:A:19:ALA:C	2:X:4:DG:C2'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:4:DG:C3'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:4:DG:C4	6	1.38
(1,9)	1:A:19:ALA:C	2:X:4:DG:C4'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:4:DG:C5	6	1.38
(1,9)	1:A:19:ALA:C	2:X:4:DG:C5'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:4:DG:C6	6	1.38
(1,9)	1:A:19:ALA:C	2:X:4:DG:C8	6	1.38
(1,9)	1:A:19:ALA:C	2:X:4:DG:H1	6	1.38
(1,9)	1:A:19:ALA:C	2:X:4:DG:H1'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:4:DG:H2'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:4:DG:H2''	6	1.38
(1,9)	1:A:19:ALA:C	2:X:4:DG:H21	6	1.38
(1,9)	1:A:19:ALA:C	2:X:4:DG:H22	6	1.38
(1,9)	1:A:19:ALA:C	2:X:4:DG:H3'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:4:DG:H4'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:4:DG:H5'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:4:DG:H5''	6	1.38
(1,9)	1:A:19:ALA:C	2:X:4:DG:H8	6	1.38
(1,9)	1:A:19:ALA:C	2:X:4:DG:N1	6	1.38
(1,9)	1:A:19:ALA:C	2:X:4:DG:N2	6	1.38
(1,9)	1:A:19:ALA:C	2:X:4:DG:N3	6	1.38
(1,9)	1:A:19:ALA:C	2:X:4:DG:N7	6	1.38
(1,9)	1:A:19:ALA:C	2:X:4:DG:N9	6	1.38
(1,9)	1:A:19:ALA:C	2:X:4:DG:O3'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:4:DG:O4'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:4:DG:O5'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:4:DG:O6	6	1.38
(1,9)	1:A:19:ALA:C	2:X:4:DG:OP1	6	1.38
(1,9)	1:A:19:ALA:C	2:X:4:DG:OP2	6	1.38
(1,9)	1:A:19:ALA:C	2:X:4:DG:P	6	1.38
(1,9)	1:A:19:ALA:C	2:X:5:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:5:DA:C2	6	1.38
(1,9)	1:A:19:ALA:C	2:X:5:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:5:DA:C3'	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:C	2:X:5:DA:C4	6	1.38
(1,9)	1:A:19:ALA:C	2:X:5:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:5:DA:C5	6	1.38
(1,9)	1:A:19:ALA:C	2:X:5:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:5:DA:C6	6	1.38
(1,9)	1:A:19:ALA:C	2:X:5:DA:C8	6	1.38
(1,9)	1:A:19:ALA:C	2:X:5:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:5:DA:H2	6	1.38
(1,9)	1:A:19:ALA:C	2:X:5:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:5:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:C	2:X:5:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:5:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:5:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:5:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:C	2:X:5:DA:H61	6	1.38
(1,9)	1:A:19:ALA:C	2:X:5:DA:H62	6	1.38
(1,9)	1:A:19:ALA:C	2:X:5:DA:H8	6	1.38
(1,9)	1:A:19:ALA:C	2:X:5:DA:N1	6	1.38
(1,9)	1:A:19:ALA:C	2:X:5:DA:N3	6	1.38
(1,9)	1:A:19:ALA:C	2:X:5:DA:N6	6	1.38
(1,9)	1:A:19:ALA:C	2:X:5:DA:N7	6	1.38
(1,9)	1:A:19:ALA:C	2:X:5:DA:N9	6	1.38
(1,9)	1:A:19:ALA:C	2:X:5:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:5:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:5:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:5:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:C	2:X:5:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:C	2:X:5:DA:P	6	1.38
(1,9)	1:A:19:ALA:C	2:X:6:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:6:DT:C2	6	1.38
(1,9)	1:A:19:ALA:C	2:X:6:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:6:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:6:DT:C4	6	1.38
(1,9)	1:A:19:ALA:C	2:X:6:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:6:DT:C5	6	1.38
(1,9)	1:A:19:ALA:C	2:X:6:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:6:DT:C6	6	1.38
(1,9)	1:A:19:ALA:C	2:X:6:DT:C7	6	1.38
(1,9)	1:A:19:ALA:C	2:X:6:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:6:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:6:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:C	2:X:6:DT:H3	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:C	2:X:6:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:6:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:6:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:6:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:C	2:X:6:DT:H6	6	1.38
(1,9)	1:A:19:ALA:C	2:X:6:DT:H71	6	1.38
(1,9)	1:A:19:ALA:C	2:X:6:DT:H72	6	1.38
(1,9)	1:A:19:ALA:C	2:X:6:DT:H73	6	1.38
(1,9)	1:A:19:ALA:C	2:X:6:DT:N1	6	1.38
(1,9)	1:A:19:ALA:C	2:X:6:DT:N3	6	1.38
(1,9)	1:A:19:ALA:C	2:X:6:DT:O2	6	1.38
(1,9)	1:A:19:ALA:C	2:X:6:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:6:DT:O4	6	1.38
(1,9)	1:A:19:ALA:C	2:X:6:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:6:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:6:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:C	2:X:6:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:C	2:X:6:DT:P	6	1.38
(1,9)	1:A:19:ALA:C	2:X:7:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:7:DA:C2	6	1.38
(1,9)	1:A:19:ALA:C	2:X:7:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:7:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:7:DA:C4	6	1.38
(1,9)	1:A:19:ALA:C	2:X:7:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:7:DA:C5	6	1.38
(1,9)	1:A:19:ALA:C	2:X:7:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:7:DA:C6	6	1.38
(1,9)	1:A:19:ALA:C	2:X:7:DA:C8	6	1.38
(1,9)	1:A:19:ALA:C	2:X:7:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:7:DA:H2	6	1.38
(1,9)	1:A:19:ALA:C	2:X:7:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:7:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:C	2:X:7:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:7:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:7:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:7:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:C	2:X:7:DA:H61	6	1.38
(1,9)	1:A:19:ALA:C	2:X:7:DA:H62	6	1.38
(1,9)	1:A:19:ALA:C	2:X:7:DA:H8	6	1.38
(1,9)	1:A:19:ALA:C	2:X:7:DA:N1	6	1.38
(1,9)	1:A:19:ALA:C	2:X:7:DA:N3	6	1.38
(1,9)	1:A:19:ALA:C	2:X:7:DA:N6	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:C	2:X:7:DA:N7	6	1.38
(1,9)	1:A:19:ALA:C	2:X:7:DA:N9	6	1.38
(1,9)	1:A:19:ALA:C	2:X:7:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:7:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:7:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:7:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:C	2:X:7:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:C	2:X:7:DA:P	6	1.38
(1,9)	1:A:19:ALA:C	2:X:8:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:8:DT:C2	6	1.38
(1,9)	1:A:19:ALA:C	2:X:8:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:8:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:8:DT:C4	6	1.38
(1,9)	1:A:19:ALA:C	2:X:8:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:8:DT:C5	6	1.38
(1,9)	1:A:19:ALA:C	2:X:8:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:8:DT:C6	6	1.38
(1,9)	1:A:19:ALA:C	2:X:8:DT:C7	6	1.38
(1,9)	1:A:19:ALA:C	2:X:8:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:8:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:8:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:C	2:X:8:DT:H3	6	1.38
(1,9)	1:A:19:ALA:C	2:X:8:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:8:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:8:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:8:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:C	2:X:8:DT:H6	6	1.38
(1,9)	1:A:19:ALA:C	2:X:8:DT:H71	6	1.38
(1,9)	1:A:19:ALA:C	2:X:8:DT:H72	6	1.38
(1,9)	1:A:19:ALA:C	2:X:8:DT:H73	6	1.38
(1,9)	1:A:19:ALA:C	2:X:8:DT:N1	6	1.38
(1,9)	1:A:19:ALA:C	2:X:8:DT:N3	6	1.38
(1,9)	1:A:19:ALA:C	2:X:8:DT:O2	6	1.38
(1,9)	1:A:19:ALA:C	2:X:8:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:8:DT:O4	6	1.38
(1,9)	1:A:19:ALA:C	2:X:8:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:8:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:8:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:C	2:X:8:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:C	2:X:8:DT:P	6	1.38
(1,9)	1:A:19:ALA:C	2:X:9:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:9:DA:C2	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:C	2:X:9:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:9:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:9:DA:C4	6	1.38
(1,9)	1:A:19:ALA:C	2:X:9:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:9:DA:C5	6	1.38
(1,9)	1:A:19:ALA:C	2:X:9:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:9:DA:C6	6	1.38
(1,9)	1:A:19:ALA:C	2:X:9:DA:C8	6	1.38
(1,9)	1:A:19:ALA:C	2:X:9:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:9:DA:H2	6	1.38
(1,9)	1:A:19:ALA:C	2:X:9:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:9:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:C	2:X:9:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:9:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:9:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:9:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:C	2:X:9:DA:H61	6	1.38
(1,9)	1:A:19:ALA:C	2:X:9:DA:H62	6	1.38
(1,9)	1:A:19:ALA:C	2:X:9:DA:H8	6	1.38
(1,9)	1:A:19:ALA:C	2:X:9:DA:N1	6	1.38
(1,9)	1:A:19:ALA:C	2:X:9:DA:N3	6	1.38
(1,9)	1:A:19:ALA:C	2:X:9:DA:N6	6	1.38
(1,9)	1:A:19:ALA:C	2:X:9:DA:N7	6	1.38
(1,9)	1:A:19:ALA:C	2:X:9:DA:N9	6	1.38
(1,9)	1:A:19:ALA:C	2:X:9:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:9:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:9:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:9:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:C	2:X:9:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:C	2:X:9:DA:P	6	1.38
(1,9)	1:A:19:ALA:C	2:X:10:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:10:DT:C2	6	1.38
(1,9)	1:A:19:ALA:C	2:X:10:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:10:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:10:DT:C4	6	1.38
(1,9)	1:A:19:ALA:C	2:X:10:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:10:DT:C5	6	1.38
(1,9)	1:A:19:ALA:C	2:X:10:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:10:DT:C6	6	1.38
(1,9)	1:A:19:ALA:C	2:X:10:DT:C7	6	1.38
(1,9)	1:A:19:ALA:C	2:X:10:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:10:DT:H2'	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:C	2:X:10:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:C	2:X:10:DT:H3	6	1.38
(1,9)	1:A:19:ALA:C	2:X:10:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:10:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:10:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:10:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:C	2:X:10:DT:H6	6	1.38
(1,9)	1:A:19:ALA:C	2:X:10:DT:H71	6	1.38
(1,9)	1:A:19:ALA:C	2:X:10:DT:H72	6	1.38
(1,9)	1:A:19:ALA:C	2:X:10:DT:H73	6	1.38
(1,9)	1:A:19:ALA:C	2:X:10:DT:N1	6	1.38
(1,9)	1:A:19:ALA:C	2:X:10:DT:N3	6	1.38
(1,9)	1:A:19:ALA:C	2:X:10:DT:O2	6	1.38
(1,9)	1:A:19:ALA:C	2:X:10:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:10:DT:O4	6	1.38
(1,9)	1:A:19:ALA:C	2:X:10:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:10:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:10:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:C	2:X:10:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:C	2:X:10:DT:P	6	1.38
(1,9)	1:A:19:ALA:C	2:X:11:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:11:DA:C2	6	1.38
(1,9)	1:A:19:ALA:C	2:X:11:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:11:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:11:DA:C4	6	1.38
(1,9)	1:A:19:ALA:C	2:X:11:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:11:DA:C5	6	1.38
(1,9)	1:A:19:ALA:C	2:X:11:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:11:DA:C6	6	1.38
(1,9)	1:A:19:ALA:C	2:X:11:DA:C8	6	1.38
(1,9)	1:A:19:ALA:C	2:X:11:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:11:DA:H2	6	1.38
(1,9)	1:A:19:ALA:C	2:X:11:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:11:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:C	2:X:11:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:11:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:11:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:11:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:C	2:X:11:DA:H61	6	1.38
(1,9)	1:A:19:ALA:C	2:X:11:DA:H62	6	1.38
(1,9)	1:A:19:ALA:C	2:X:11:DA:H8	6	1.38
(1,9)	1:A:19:ALA:C	2:X:11:DA:N1	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:C	2:X:11:DA:N3	6	1.38
(1,9)	1:A:19:ALA:C	2:X:11:DA:N6	6	1.38
(1,9)	1:A:19:ALA:C	2:X:11:DA:N7	6	1.38
(1,9)	1:A:19:ALA:C	2:X:11:DA:N9	6	1.38
(1,9)	1:A:19:ALA:C	2:X:11:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:11:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:11:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:11:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:C	2:X:11:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:C	2:X:11:DA:P	6	1.38
(1,9)	1:A:19:ALA:C	2:X:12:DG:C1'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:12:DG:C2	6	1.38
(1,9)	1:A:19:ALA:C	2:X:12:DG:C2'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:12:DG:C3'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:12:DG:C4	6	1.38
(1,9)	1:A:19:ALA:C	2:X:12:DG:C4'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:12:DG:C5	6	1.38
(1,9)	1:A:19:ALA:C	2:X:12:DG:C5'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:12:DG:C6	6	1.38
(1,9)	1:A:19:ALA:C	2:X:12:DG:C8	6	1.38
(1,9)	1:A:19:ALA:C	2:X:12:DG:H1	6	1.38
(1,9)	1:A:19:ALA:C	2:X:12:DG:H1'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:12:DG:H2'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:12:DG:H2''	6	1.38
(1,9)	1:A:19:ALA:C	2:X:12:DG:H21	6	1.38
(1,9)	1:A:19:ALA:C	2:X:12:DG:H22	6	1.38
(1,9)	1:A:19:ALA:C	2:X:12:DG:H3'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:12:DG:H4'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:12:DG:H5'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:12:DG:H5''	6	1.38
(1,9)	1:A:19:ALA:C	2:X:12:DG:H8	6	1.38
(1,9)	1:A:19:ALA:C	2:X:12:DG:N1	6	1.38
(1,9)	1:A:19:ALA:C	2:X:12:DG:N2	6	1.38
(1,9)	1:A:19:ALA:C	2:X:12:DG:N3	6	1.38
(1,9)	1:A:19:ALA:C	2:X:12:DG:N7	6	1.38
(1,9)	1:A:19:ALA:C	2:X:12:DG:N9	6	1.38
(1,9)	1:A:19:ALA:C	2:X:12:DG:O3'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:12:DG:O4'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:12:DG:O5'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:12:DG:O6	6	1.38
(1,9)	1:A:19:ALA:C	2:X:12:DG:OP1	6	1.38
(1,9)	1:A:19:ALA:C	2:X:12:DG:OP2	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:C	2:X:12:DG:P	6	1.38
(1,9)	1:A:19:ALA:C	2:X:13:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:13:DT:C2	6	1.38
(1,9)	1:A:19:ALA:C	2:X:13:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:13:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:13:DT:C4	6	1.38
(1,9)	1:A:19:ALA:C	2:X:13:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:13:DT:C5	6	1.38
(1,9)	1:A:19:ALA:C	2:X:13:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:13:DT:C6	6	1.38
(1,9)	1:A:19:ALA:C	2:X:13:DT:C7	6	1.38
(1,9)	1:A:19:ALA:C	2:X:13:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:13:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:13:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:C	2:X:13:DT:H3	6	1.38
(1,9)	1:A:19:ALA:C	2:X:13:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:13:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:13:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:13:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:C	2:X:13:DT:H6	6	1.38
(1,9)	1:A:19:ALA:C	2:X:13:DT:H71	6	1.38
(1,9)	1:A:19:ALA:C	2:X:13:DT:H72	6	1.38
(1,9)	1:A:19:ALA:C	2:X:13:DT:H73	6	1.38
(1,9)	1:A:19:ALA:C	2:X:13:DT:N1	6	1.38
(1,9)	1:A:19:ALA:C	2:X:13:DT:N3	6	1.38
(1,9)	1:A:19:ALA:C	2:X:13:DT:O2	6	1.38
(1,9)	1:A:19:ALA:C	2:X:13:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:13:DT:O4	6	1.38
(1,9)	1:A:19:ALA:C	2:X:13:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:13:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:C	2:X:13:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:C	2:X:13:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:C	2:X:13:DT:P	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:3:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:3:DA:C2	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:3:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:3:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:3:DA:C4	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:3:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:3:DA:C5	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:3:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:3:DA:C6	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:C	3:Y:3:DA:C8	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:3:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:3:DA:H2	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:3:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:3:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:3:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:3:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:3:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:3:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:3:DA:H61	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:3:DA:H62	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:3:DA:H8	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:3:DA:N1	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:3:DA:N3	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:3:DA:N6	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:3:DA:N7	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:3:DA:N9	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:3:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:3:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:3:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:3:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:3:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:3:DA:P	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:4:DC:C1'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:4:DC:C2	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:4:DC:C2'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:4:DC:C3'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:4:DC:C4	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:4:DC:C4'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:4:DC:C5	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:4:DC:C5'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:4:DC:C6	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:4:DC:H1'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:4:DC:H2'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:4:DC:H2''	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:4:DC:H3'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:4:DC:H4'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:4:DC:H41	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:4:DC:H42	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:4:DC:H5	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:4:DC:H5'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:4:DC:H5''	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:C	3:Y:4:DC:H6	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:4:DC:N1	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:4:DC:N3	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:4:DC:N4	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:4:DC:O2	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:4:DC:O3'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:4:DC:O4'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:4:DC:O5'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:4:DC:OP1	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:4:DC:OP2	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:4:DC:P	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:5:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:5:DT:C2	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:5:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:5:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:5:DT:C4	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:5:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:5:DT:C5	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:5:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:5:DT:C6	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:5:DT:C7	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:5:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:5:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:5:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:5:DT:H3	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:5:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:5:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:5:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:5:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:5:DT:H6	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:5:DT:H71	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:5:DT:H72	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:5:DT:H73	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:5:DT:N1	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:5:DT:N3	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:5:DT:O2	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:5:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:5:DT:O4	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:5:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:5:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:5:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:5:DT:OP2	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:C	3:Y:5:DT:P	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:6:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:6:DA:C2	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:6:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:6:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:6:DA:C4	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:6:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:6:DA:C5	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:6:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:6:DA:C6	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:6:DA:C8	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:6:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:6:DA:H2	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:6:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:6:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:6:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:6:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:6:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:6:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:6:DA:H61	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:6:DA:H62	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:6:DA:H8	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:6:DA:N1	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:6:DA:N3	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:6:DA:N6	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:6:DA:N7	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:6:DA:N9	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:6:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:6:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:6:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:6:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:6:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:6:DA:P	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:7:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:7:DT:C2	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:7:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:7:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:7:DT:C4	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:7:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:7:DT:C5	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:7:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:7:DT:C6	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:C	3:Y:7:DT:C7	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:7:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:7:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:7:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:7:DT:H3	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:7:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:7:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:7:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:7:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:7:DT:H6	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:7:DT:H71	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:7:DT:H72	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:7:DT:H73	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:7:DT:N1	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:7:DT:N3	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:7:DT:O2	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:7:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:7:DT:O4	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:7:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:7:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:7:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:7:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:7:DT:P	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:8:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:8:DA:C2	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:8:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:8:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:8:DA:C4	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:8:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:8:DA:C5	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:8:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:8:DA:C6	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:8:DA:C8	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:8:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:8:DA:H2	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:8:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:8:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:8:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:8:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:8:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:8:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:8:DA:H61	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:C	3:Y:8:DA:H62	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:8:DA:H8	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:8:DA:N1	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:8:DA:N3	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:8:DA:N6	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:8:DA:N7	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:8:DA:N9	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:8:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:8:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:8:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:8:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:8:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:8:DA:P	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:9:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:9:DT:C2	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:9:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:9:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:9:DT:C4	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:9:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:9:DT:C5	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:9:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:9:DT:C6	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:9:DT:C7	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:9:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:9:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:9:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:9:DT:H3	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:9:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:9:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:9:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:9:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:9:DT:H6	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:9:DT:H71	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:9:DT:H72	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:9:DT:H73	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:9:DT:N1	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:9:DT:N3	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:9:DT:O2	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:9:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:9:DT:O4	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:9:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:9:DT:O5'	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:C	3:Y:9:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:9:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:9:DT:P	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:10:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:10:DA:C2	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:10:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:10:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:10:DA:C4	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:10:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:10:DA:C5	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:10:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:10:DA:C6	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:10:DA:C8	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:10:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:10:DA:H2	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:10:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:10:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:10:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:10:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:10:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:10:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:10:DA:H61	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:10:DA:H62	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:10:DA:H8	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:10:DA:N1	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:10:DA:N3	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:10:DA:N6	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:10:DA:N7	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:10:DA:N9	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:10:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:10:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:10:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:10:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:10:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:10:DA:P	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:11:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:11:DT:C2	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:11:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:11:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:11:DT:C4	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:11:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:11:DT:C5	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:C	3:Y:11:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:11:DT:C6	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:11:DT:C7	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:11:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:11:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:11:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:11:DT:H3	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:11:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:11:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:11:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:11:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:11:DT:H6	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:11:DT:H71	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:11:DT:H72	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:11:DT:H73	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:11:DT:N1	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:11:DT:N3	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:11:DT:O2	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:11:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:11:DT:O4	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:11:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:11:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:11:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:11:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:11:DT:P	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:12:DC:C1'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:12:DC:C2	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:12:DC:C2'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:12:DC:C3'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:12:DC:C4	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:12:DC:C4'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:12:DC:C5	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:12:DC:C5'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:12:DC:C6	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:12:DC:H1'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:12:DC:H2'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:12:DC:H2''	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:12:DC:H3'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:12:DC:H4'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:12:DC:H41	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:12:DC:H42	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:12:DC:H5	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:C	3:Y:12:DC:H5'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:12:DC:H5''	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:12:DC:H6	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:12:DC:N1	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:12:DC:N3	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:12:DC:N4	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:12:DC:O2	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:12:DC:O3'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:12:DC:O4'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:12:DC:O5'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:12:DC:OP1	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:12:DC:OP2	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:12:DC:P	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:13:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:13:DA:C2	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:13:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:13:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:13:DA:C4	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:13:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:13:DA:C5	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:13:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:13:DA:C6	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:13:DA:C8	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:13:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:13:DA:H2	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:13:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:13:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:13:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:13:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:13:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:13:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:13:DA:H61	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:13:DA:H62	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:13:DA:H8	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:13:DA:N1	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:13:DA:N3	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:13:DA:N6	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:13:DA:N7	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:13:DA:N9	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:13:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:13:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:13:DA:O5'	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:C	3:Y:13:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:13:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:C	3:Y:13:DA:P	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:3:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:3:DT:C2	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:3:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:3:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:3:DT:C4	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:3:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:3:DT:C5	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:3:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:3:DT:C6	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:3:DT:C7	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:3:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:3:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:3:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:3:DT:H3	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:3:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:3:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:3:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:3:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:3:DT:H6	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:3:DT:H71	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:3:DT:H72	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:3:DT:H73	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:3:DT:N1	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:3:DT:N3	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:3:DT:O2	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:3:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:3:DT:O4	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:3:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:3:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:3:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:3:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:3:DT:P	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:4:DG:C1'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:4:DG:C2	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:4:DG:C2'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:4:DG:C3'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:4:DG:C4	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:4:DG:C4'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:4:DG:C5	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:CA	2:X:4:DG:C5'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:4:DG:C6	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:4:DG:C8	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:4:DG:H1	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:4:DG:H1'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:4:DG:H2'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:4:DG:H2''	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:4:DG:H21	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:4:DG:H22	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:4:DG:H3'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:4:DG:H4'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:4:DG:H5'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:4:DG:H5''	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:4:DG:H8	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:4:DG:N1	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:4:DG:N2	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:4:DG:N3	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:4:DG:N7	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:4:DG:N9	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:4:DG:O3'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:4:DG:O4'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:4:DG:O5'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:4:DG:O6	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:4:DG:OP1	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:4:DG:OP2	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:4:DG:P	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:5:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:5:DA:C2	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:5:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:5:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:5:DA:C4	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:5:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:5:DA:C5	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:5:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:5:DA:C6	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:5:DA:C8	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:5:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:5:DA:H2	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:5:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:5:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:5:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:5:DA:H4'	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:CA	2:X:5:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:5:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:5:DA:H61	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:5:DA:H62	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:5:DA:H8	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:5:DA:N1	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:5:DA:N3	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:5:DA:N6	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:5:DA:N7	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:5:DA:N9	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:5:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:5:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:5:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:5:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:5:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:5:DA:P	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:6:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:6:DT:C2	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:6:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:6:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:6:DT:C4	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:6:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:6:DT:C5	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:6:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:6:DT:C6	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:6:DT:C7	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:6:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:6:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:6:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:6:DT:H3	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:6:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:6:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:6:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:6:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:6:DT:H6	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:6:DT:H71	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:6:DT:H72	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:6:DT:H73	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:6:DT:N1	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:6:DT:N3	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:6:DT:O2	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:6:DT:O3'	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:CA	2:X:6:DT:O4	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:6:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:6:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:6:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:6:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:6:DT:P	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:7:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:7:DA:C2	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:7:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:7:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:7:DA:C4	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:7:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:7:DA:C5	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:7:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:7:DA:C6	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:7:DA:C8	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:7:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:7:DA:H2	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:7:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:7:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:7:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:7:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:7:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:7:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:7:DA:H61	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:7:DA:H62	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:7:DA:H8	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:7:DA:N1	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:7:DA:N3	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:7:DA:N6	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:7:DA:N7	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:7:DA:N9	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:7:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:7:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:7:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:7:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:7:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:7:DA:P	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:8:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:8:DT:C2	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:8:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:8:DT:C3'	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:CA	2:X:8:DT:C4	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:8:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:8:DT:C5	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:8:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:8:DT:C6	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:8:DT:C7	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:8:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:8:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:8:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:8:DT:H3	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:8:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:8:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:8:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:8:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:8:DT:H6	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:8:DT:H71	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:8:DT:H72	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:8:DT:H73	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:8:DT:N1	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:8:DT:N3	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:8:DT:O2	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:8:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:8:DT:O4	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:8:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:8:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:8:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:8:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:8:DT:P	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:9:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:9:DA:C2	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:9:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:9:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:9:DA:C4	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:9:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:9:DA:C5	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:9:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:9:DA:C6	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:9:DA:C8	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:9:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:9:DA:H2	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:9:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:9:DA:H2''	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:CA	2:X:9:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:9:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:9:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:9:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:9:DA:H61	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:9:DA:H62	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:9:DA:H8	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:9:DA:N1	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:9:DA:N3	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:9:DA:N6	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:9:DA:N7	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:9:DA:N9	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:9:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:9:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:9:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:9:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:9:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:9:DA:P	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:10:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:10:DT:C2	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:10:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:10:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:10:DT:C4	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:10:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:10:DT:C5	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:10:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:10:DT:C6	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:10:DT:C7	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:10:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:10:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:10:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:10:DT:H3	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:10:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:10:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:10:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:10:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:10:DT:H6	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:10:DT:H71	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:10:DT:H72	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:10:DT:H73	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:10:DT:N1	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:10:DT:N3	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:CA	2:X:10:DT:O2	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:10:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:10:DT:O4	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:10:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:10:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:10:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:10:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:10:DT:P	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:11:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:11:DA:C2	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:11:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:11:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:11:DA:C4	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:11:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:11:DA:C5	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:11:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:11:DA:C6	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:11:DA:C8	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:11:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:11:DA:H2	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:11:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:11:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:11:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:11:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:11:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:11:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:11:DA:H61	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:11:DA:H62	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:11:DA:H8	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:11:DA:N1	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:11:DA:N3	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:11:DA:N6	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:11:DA:N7	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:11:DA:N9	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:11:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:11:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:11:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:11:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:11:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:11:DA:P	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:12:DG:C1'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:12:DG:C2	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:CA	2:X:12:DG:C2'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:12:DG:C3'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:12:DG:C4	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:12:DG:C4'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:12:DG:C5	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:12:DG:C5'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:12:DG:C6	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:12:DG:C8	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:12:DG:H1	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:12:DG:H1'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:12:DG:H2'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:12:DG:H2''	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:12:DG:H21	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:12:DG:H22	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:12:DG:H3'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:12:DG:H4'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:12:DG:H5'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:12:DG:H5''	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:12:DG:H8	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:12:DG:N1	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:12:DG:N2	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:12:DG:N3	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:12:DG:N7	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:12:DG:N9	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:12:DG:O3'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:12:DG:O4'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:12:DG:O5'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:12:DG:O6	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:12:DG:OP1	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:12:DG:OP2	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:12:DG:P	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:13:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:13:DT:C2	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:13:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:13:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:13:DT:C4	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:13:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:13:DT:C5	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:13:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:13:DT:C6	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:13:DT:C7	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:13:DT:H1'	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:CA	2:X:13:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:13:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:13:DT:H3	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:13:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:13:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:13:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:13:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:13:DT:H6	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:13:DT:H71	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:13:DT:H72	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:13:DT:H73	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:13:DT:N1	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:13:DT:N3	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:13:DT:O2	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:13:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:13:DT:O4	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:13:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:13:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:13:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:13:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:CA	2:X:13:DT:P	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:3:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:3:DA:C2	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:3:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:3:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:3:DA:C4	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:3:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:3:DA:C5	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:3:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:3:DA:C6	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:3:DA:C8	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:3:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:3:DA:H2	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:3:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:3:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:3:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:3:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:3:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:3:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:3:DA:H61	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:3:DA:H62	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:3:DA:H8	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:CA	3:Y:3:DA:N1	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:3:DA:N3	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:3:DA:N6	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:3:DA:N7	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:3:DA:N9	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:3:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:3:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:3:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:3:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:3:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:3:DA:P	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:4:DC:C1'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:4:DC:C2	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:4:DC:C2'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:4:DC:C3'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:4:DC:C4	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:4:DC:C4'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:4:DC:C5	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:4:DC:C5'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:4:DC:C6	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:4:DC:H1'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:4:DC:H2'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:4:DC:H2''	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:4:DC:H3'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:4:DC:H4'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:4:DC:H41	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:4:DC:H42	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:4:DC:H5	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:4:DC:H5'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:4:DC:H5''	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:4:DC:H6	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:4:DC:N1	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:4:DC:N3	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:4:DC:N4	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:4:DC:O2	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:4:DC:O3'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:4:DC:O4'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:4:DC:O5'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:4:DC:OP1	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:4:DC:OP2	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:4:DC:P	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:5:DT:C1'	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:CA	3:Y:5:DT:C2	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:5:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:5:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:5:DT:C4	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:5:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:5:DT:C5	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:5:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:5:DT:C6	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:5:DT:C7	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:5:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:5:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:5:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:5:DT:H3	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:5:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:5:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:5:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:5:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:5:DT:H6	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:5:DT:H71	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:5:DT:H72	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:5:DT:H73	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:5:DT:N1	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:5:DT:N3	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:5:DT:O2	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:5:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:5:DT:O4	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:5:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:5:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:5:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:5:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:5:DT:P	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:6:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:6:DA:C2	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:6:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:6:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:6:DA:C4	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:6:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:6:DA:C5	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:6:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:6:DA:C6	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:6:DA:C8	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:6:DA:H1'	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:CA	3:Y:6:DA:H2	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:6:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:6:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:6:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:6:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:6:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:6:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:6:DA:H61	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:6:DA:H62	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:6:DA:H8	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:6:DA:N1	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:6:DA:N3	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:6:DA:N6	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:6:DA:N7	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:6:DA:N9	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:6:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:6:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:6:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:6:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:6:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:6:DA:P	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:7:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:7:DT:C2	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:7:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:7:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:7:DT:C4	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:7:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:7:DT:C5	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:7:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:7:DT:C6	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:7:DT:C7	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:7:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:7:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:7:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:7:DT:H3	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:7:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:7:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:7:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:7:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:7:DT:H6	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:7:DT:H71	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:7:DT:H72	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:CA	3:Y:7:DT:H73	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:7:DT:N1	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:7:DT:N3	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:7:DT:O2	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:7:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:7:DT:O4	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:7:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:7:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:7:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:7:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:7:DT:P	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:8:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:8:DA:C2	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:8:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:8:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:8:DA:C4	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:8:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:8:DA:C5	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:8:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:8:DA:C6	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:8:DA:C8	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:8:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:8:DA:H2	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:8:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:8:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:8:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:8:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:8:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:8:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:8:DA:H61	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:8:DA:H62	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:8:DA:H8	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:8:DA:N1	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:8:DA:N3	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:8:DA:N6	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:8:DA:N7	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:8:DA:N9	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:8:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:8:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:8:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:8:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:8:DA:OP2	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:CA	3:Y:8:DA:P	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:9:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:9:DT:C2	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:9:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:9:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:9:DT:C4	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:9:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:9:DT:C5	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:9:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:9:DT:C6	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:9:DT:C7	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:9:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:9:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:9:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:9:DT:H3	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:9:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:9:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:9:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:9:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:9:DT:H6	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:9:DT:H71	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:9:DT:H72	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:9:DT:H73	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:9:DT:N1	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:9:DT:N3	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:9:DT:O2	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:9:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:9:DT:O4	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:9:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:9:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:9:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:9:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:9:DT:P	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:10:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:10:DA:C2	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:10:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:10:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:10:DA:C4	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:10:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:10:DA:C5	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:10:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:10:DA:C6	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:CA	3:Y:10:DA:C8	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:10:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:10:DA:H2	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:10:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:10:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:10:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:10:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:10:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:10:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:10:DA:H61	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:10:DA:H62	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:10:DA:H8	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:10:DA:N1	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:10:DA:N3	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:10:DA:N6	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:10:DA:N7	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:10:DA:N9	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:10:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:10:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:10:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:10:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:10:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:10:DA:P	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:11:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:11:DT:C2	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:11:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:11:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:11:DT:C4	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:11:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:11:DT:C5	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:11:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:11:DT:C6	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:11:DT:C7	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:11:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:11:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:11:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:11:DT:H3	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:11:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:11:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:11:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:11:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:11:DT:H6	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:CA	3:Y:11:DT:H71	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:11:DT:H72	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:11:DT:H73	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:11:DT:N1	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:11:DT:N3	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:11:DT:O2	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:11:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:11:DT:O4	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:11:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:11:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:11:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:11:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:11:DT:P	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:12:DC:C1'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:12:DC:C2	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:12:DC:C2'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:12:DC:C3'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:12:DC:C4	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:12:DC:C4'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:12:DC:C5	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:12:DC:C5'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:12:DC:C6	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:12:DC:H1'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:12:DC:H2'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:12:DC:H2''	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:12:DC:H3'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:12:DC:H4'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:12:DC:H41	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:12:DC:H42	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:12:DC:H5	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:12:DC:H5'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:12:DC:H5''	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:12:DC:H6	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:12:DC:N1	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:12:DC:N3	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:12:DC:N4	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:12:DC:O2	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:12:DC:O3'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:12:DC:O4'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:12:DC:O5'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:12:DC:OP1	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:12:DC:OP2	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:CA	3:Y:12:DC:P	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:13:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:13:DA:C2	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:13:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:13:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:13:DA:C4	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:13:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:13:DA:C5	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:13:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:13:DA:C6	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:13:DA:C8	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:13:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:13:DA:H2	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:13:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:13:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:13:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:13:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:13:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:13:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:13:DA:H61	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:13:DA:H62	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:13:DA:H8	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:13:DA:N1	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:13:DA:N3	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:13:DA:N6	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:13:DA:N7	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:13:DA:N9	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:13:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:13:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:13:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:13:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:13:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:CA	3:Y:13:DA:P	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:3:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:3:DT:C2	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:3:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:3:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:3:DT:C4	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:3:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:3:DT:C5	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:3:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:3:DT:C6	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:CB	2:X:3:DT:C7	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:3:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:3:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:3:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:3:DT:H3	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:3:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:3:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:3:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:3:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:3:DT:H6	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:3:DT:H71	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:3:DT:H72	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:3:DT:H73	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:3:DT:N1	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:3:DT:N3	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:3:DT:O2	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:3:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:3:DT:O4	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:3:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:3:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:3:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:3:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:3:DT:P	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:4:DG:C1'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:4:DG:C2	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:4:DG:C2'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:4:DG:C3'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:4:DG:C4	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:4:DG:C4'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:4:DG:C5	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:4:DG:C5'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:4:DG:C6	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:4:DG:C8	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:4:DG:H1	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:4:DG:H1'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:4:DG:H2'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:4:DG:H2''	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:4:DG:H21	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:4:DG:H22	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:4:DG:H3'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:4:DG:H4'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:4:DG:H5'	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:CB	2:X:4:DG:H5''	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:4:DG:H8	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:4:DG:N1	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:4:DG:N2	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:4:DG:N3	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:4:DG:N7	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:4:DG:N9	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:4:DG:O3'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:4:DG:O4'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:4:DG:O5'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:4:DG:O6	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:4:DG:OP1	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:4:DG:OP2	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:4:DG:P	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:5:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:5:DA:C2	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:5:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:5:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:5:DA:C4	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:5:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:5:DA:C5	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:5:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:5:DA:C6	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:5:DA:C8	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:5:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:5:DA:H2	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:5:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:5:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:5:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:5:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:5:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:5:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:5:DA:H61	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:5:DA:H62	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:5:DA:H8	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:5:DA:N1	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:5:DA:N3	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:5:DA:N6	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:5:DA:N7	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:5:DA:N9	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:5:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:5:DA:O4'	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:CB	2:X:5:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:5:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:5:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:5:DA:P	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:6:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:6:DT:C2	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:6:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:6:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:6:DT:C4	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:6:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:6:DT:C5	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:6:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:6:DT:C6	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:6:DT:C7	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:6:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:6:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:6:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:6:DT:H3	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:6:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:6:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:6:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:6:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:6:DT:H6	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:6:DT:H71	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:6:DT:H72	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:6:DT:H73	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:6:DT:N1	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:6:DT:N3	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:6:DT:O2	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:6:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:6:DT:O4	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:6:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:6:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:6:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:6:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:6:DT:P	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:7:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:7:DA:C2	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:7:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:7:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:7:DA:C4	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:7:DA:C4'	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:CB	2:X:7:DA:C5	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:7:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:7:DA:C6	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:7:DA:C8	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:7:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:7:DA:H2	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:7:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:7:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:7:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:7:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:7:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:7:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:7:DA:H61	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:7:DA:H62	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:7:DA:H8	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:7:DA:N1	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:7:DA:N3	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:7:DA:N6	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:7:DA:N7	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:7:DA:N9	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:7:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:7:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:7:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:7:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:7:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:7:DA:P	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:8:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:8:DT:C2	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:8:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:8:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:8:DT:C4	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:8:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:8:DT:C5	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:8:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:8:DT:C6	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:8:DT:C7	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:8:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:8:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:8:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:8:DT:H3	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:8:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:8:DT:H4'	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:CB	2:X:8:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:8:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:8:DT:H6	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:8:DT:H71	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:8:DT:H72	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:8:DT:H73	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:8:DT:N1	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:8:DT:N3	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:8:DT:O2	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:8:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:8:DT:O4	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:8:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:8:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:8:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:8:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:8:DT:P	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:9:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:9:DA:C2	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:9:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:9:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:9:DA:C4	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:9:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:9:DA:C5	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:9:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:9:DA:C6	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:9:DA:C8	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:9:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:9:DA:H2	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:9:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:9:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:9:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:9:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:9:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:9:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:9:DA:H61	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:9:DA:H62	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:9:DA:H8	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:9:DA:N1	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:9:DA:N3	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:9:DA:N6	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:9:DA:N7	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:9:DA:N9	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:CB	2:X:9:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:9:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:9:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:9:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:9:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:9:DA:P	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:10:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:10:DT:C2	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:10:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:10:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:10:DT:C4	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:10:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:10:DT:C5	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:10:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:10:DT:C6	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:10:DT:C7	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:10:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:10:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:10:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:10:DT:H3	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:10:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:10:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:10:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:10:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:10:DT:H6	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:10:DT:H71	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:10:DT:H72	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:10:DT:H73	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:10:DT:N1	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:10:DT:N3	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:10:DT:O2	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:10:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:10:DT:O4	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:10:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:10:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:10:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:10:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:10:DT:P	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:11:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:11:DA:C2	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:11:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:11:DA:C3'	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:CB	2:X:11:DA:C4	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:11:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:11:DA:C5	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:11:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:11:DA:C6	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:11:DA:C8	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:11:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:11:DA:H2	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:11:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:11:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:11:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:11:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:11:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:11:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:11:DA:H61	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:11:DA:H62	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:11:DA:H8	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:11:DA:N1	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:11:DA:N3	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:11:DA:N6	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:11:DA:N7	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:11:DA:N9	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:11:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:11:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:11:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:11:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:11:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:11:DA:P	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:12:DG:C1'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:12:DG:C2	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:12:DG:C2'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:12:DG:C3'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:12:DG:C4	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:12:DG:C4'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:12:DG:C5	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:12:DG:C5'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:12:DG:C6	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:12:DG:C8	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:12:DG:H1	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:12:DG:H1'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:12:DG:H2'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:12:DG:H2''	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:CB	2:X:12:DG:H21	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:12:DG:H22	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:12:DG:H3'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:12:DG:H4'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:12:DG:H5'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:12:DG:H5''	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:12:DG:H8	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:12:DG:N1	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:12:DG:N2	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:12:DG:N3	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:12:DG:N7	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:12:DG:N9	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:12:DG:O3'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:12:DG:O4'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:12:DG:O5'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:12:DG:O6	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:12:DG:OP1	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:12:DG:OP2	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:12:DG:P	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:13:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:13:DT:C2	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:13:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:13:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:13:DT:C4	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:13:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:13:DT:C5	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:13:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:13:DT:C6	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:13:DT:C7	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:13:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:13:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:13:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:13:DT:H3	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:13:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:13:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:13:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:13:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:13:DT:H6	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:13:DT:H71	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:13:DT:H72	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:13:DT:H73	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:13:DT:N1	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:CB	2:X:13:DT:N3	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:13:DT:O2	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:13:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:13:DT:O4	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:13:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:13:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:13:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:13:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:CB	2:X:13:DT:P	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:3:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:3:DA:C2	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:3:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:3:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:3:DA:C4	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:3:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:3:DA:C5	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:3:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:3:DA:C6	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:3:DA:C8	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:3:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:3:DA:H2	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:3:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:3:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:3:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:3:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:3:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:3:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:3:DA:H61	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:3:DA:H62	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:3:DA:H8	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:3:DA:N1	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:3:DA:N3	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:3:DA:N6	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:3:DA:N7	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:3:DA:N9	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:3:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:3:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:3:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:3:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:3:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:3:DA:P	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:4:DC:C1'	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:CB	3:Y:4:DC:C2	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:4:DC:C2'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:4:DC:C3'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:4:DC:C4	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:4:DC:C4'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:4:DC:C5	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:4:DC:C5'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:4:DC:C6	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:4:DC:H1'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:4:DC:H2'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:4:DC:H2''	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:4:DC:H3'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:4:DC:H4'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:4:DC:H41	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:4:DC:H42	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:4:DC:H5	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:4:DC:H5'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:4:DC:H5''	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:4:DC:H6	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:4:DC:N1	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:4:DC:N3	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:4:DC:N4	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:4:DC:O2	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:4:DC:O3'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:4:DC:O4'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:4:DC:O5'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:4:DC:OP1	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:4:DC:OP2	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:4:DC:P	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:5:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:5:DT:C2	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:5:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:5:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:5:DT:C4	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:5:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:5:DT:C5	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:5:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:5:DT:C6	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:5:DT:C7	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:5:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:5:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:5:DT:H2''	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:CB	3:Y:5:DT:H3	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:5:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:5:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:5:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:5:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:5:DT:H6	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:5:DT:H71	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:5:DT:H72	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:5:DT:H73	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:5:DT:N1	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:5:DT:N3	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:5:DT:O2	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:5:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:5:DT:O4	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:5:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:5:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:5:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:5:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:5:DT:P	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:6:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:6:DA:C2	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:6:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:6:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:6:DA:C4	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:6:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:6:DA:C5	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:6:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:6:DA:C6	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:6:DA:C8	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:6:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:6:DA:H2	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:6:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:6:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:6:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:6:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:6:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:6:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:6:DA:H61	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:6:DA:H62	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:6:DA:H8	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:6:DA:N1	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:6:DA:N3	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:CB	3:Y:6:DA:N6	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:6:DA:N7	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:6:DA:N9	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:6:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:6:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:6:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:6:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:6:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:6:DA:P	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:7:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:7:DT:C2	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:7:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:7:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:7:DT:C4	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:7:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:7:DT:C5	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:7:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:7:DT:C6	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:7:DT:C7	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:7:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:7:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:7:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:7:DT:H3	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:7:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:7:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:7:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:7:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:7:DT:H6	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:7:DT:H71	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:7:DT:H72	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:7:DT:H73	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:7:DT:N1	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:7:DT:N3	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:7:DT:O2	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:7:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:7:DT:O4	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:7:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:7:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:7:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:7:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:7:DT:P	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:8:DA:C1'	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:CB	3:Y:8:DA:C2	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:8:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:8:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:8:DA:C4	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:8:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:8:DA:C5	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:8:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:8:DA:C6	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:8:DA:C8	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:8:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:8:DA:H2	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:8:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:8:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:8:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:8:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:8:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:8:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:8:DA:H61	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:8:DA:H62	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:8:DA:H8	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:8:DA:N1	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:8:DA:N3	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:8:DA:N6	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:8:DA:N7	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:8:DA:N9	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:8:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:8:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:8:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:8:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:8:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:8:DA:P	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:9:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:9:DT:C2	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:9:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:9:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:9:DT:C4	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:9:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:9:DT:C5	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:9:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:9:DT:C6	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:9:DT:C7	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:9:DT:H1'	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:CB	3:Y:9:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:9:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:9:DT:H3	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:9:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:9:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:9:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:9:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:9:DT:H6	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:9:DT:H71	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:9:DT:H72	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:9:DT:H73	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:9:DT:N1	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:9:DT:N3	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:9:DT:O2	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:9:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:9:DT:O4	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:9:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:9:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:9:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:9:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:9:DT:P	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:10:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:10:DA:C2	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:10:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:10:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:10:DA:C4	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:10:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:10:DA:C5	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:10:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:10:DA:C6	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:10:DA:C8	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:10:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:10:DA:H2	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:10:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:10:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:10:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:10:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:10:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:10:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:10:DA:H61	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:10:DA:H62	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:10:DA:H8	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:CB	3:Y:10:DA:N1	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:10:DA:N3	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:10:DA:N6	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:10:DA:N7	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:10:DA:N9	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:10:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:10:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:10:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:10:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:10:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:10:DA:P	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:11:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:11:DT:C2	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:11:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:11:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:11:DT:C4	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:11:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:11:DT:C5	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:11:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:11:DT:C6	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:11:DT:C7	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:11:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:11:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:11:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:11:DT:H3	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:11:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:11:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:11:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:11:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:11:DT:H6	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:11:DT:H71	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:11:DT:H72	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:11:DT:H73	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:11:DT:N1	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:11:DT:N3	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:11:DT:O2	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:11:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:11:DT:O4	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:11:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:11:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:11:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:11:DT:OP2	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:CB	3:Y:11:DT:P	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:12:DC:C1'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:12:DC:C2	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:12:DC:C2'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:12:DC:C3'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:12:DC:C4	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:12:DC:C4'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:12:DC:C5	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:12:DC:C5'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:12:DC:C6	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:12:DC:H1'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:12:DC:H2'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:12:DC:H2''	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:12:DC:H3'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:12:DC:H4'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:12:DC:H41	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:12:DC:H42	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:12:DC:H5	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:12:DC:H5'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:12:DC:H5''	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:12:DC:H6	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:12:DC:N1	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:12:DC:N3	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:12:DC:N4	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:12:DC:O2	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:12:DC:O3'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:12:DC:O4'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:12:DC:O5'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:12:DC:OP1	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:12:DC:OP2	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:12:DC:P	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:13:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:13:DA:C2	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:13:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:13:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:13:DA:C4	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:13:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:13:DA:C5	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:13:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:13:DA:C6	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:13:DA:C8	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:13:DA:H1'	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:CB	3:Y:13:DA:H2	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:13:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:13:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:13:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:13:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:13:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:13:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:13:DA:H61	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:13:DA:H62	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:13:DA:H8	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:13:DA:N1	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:13:DA:N3	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:13:DA:N6	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:13:DA:N7	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:13:DA:N9	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:13:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:13:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:13:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:13:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:13:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:CB	3:Y:13:DA:P	6	1.38
(1,9)	1:A:19:ALA:H	2:X:3:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:3:DT:C2	6	1.38
(1,9)	1:A:19:ALA:H	2:X:3:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:3:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:3:DT:C4	6	1.38
(1,9)	1:A:19:ALA:H	2:X:3:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:3:DT:C5	6	1.38
(1,9)	1:A:19:ALA:H	2:X:3:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:3:DT:C6	6	1.38
(1,9)	1:A:19:ALA:H	2:X:3:DT:C7	6	1.38
(1,9)	1:A:19:ALA:H	2:X:3:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:3:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:3:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:H	2:X:3:DT:H3	6	1.38
(1,9)	1:A:19:ALA:H	2:X:3:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:3:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:3:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:3:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:H	2:X:3:DT:H6	6	1.38
(1,9)	1:A:19:ALA:H	2:X:3:DT:H71	6	1.38
(1,9)	1:A:19:ALA:H	2:X:3:DT:H72	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:H	2:X:3:DT:H73	6	1.38
(1,9)	1:A:19:ALA:H	2:X:3:DT:N1	6	1.38
(1,9)	1:A:19:ALA:H	2:X:3:DT:N3	6	1.38
(1,9)	1:A:19:ALA:H	2:X:3:DT:O2	6	1.38
(1,9)	1:A:19:ALA:H	2:X:3:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:3:DT:O4	6	1.38
(1,9)	1:A:19:ALA:H	2:X:3:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:3:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:3:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:H	2:X:3:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:H	2:X:3:DT:P	6	1.38
(1,9)	1:A:19:ALA:H	2:X:4:DG:C1'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:4:DG:C2	6	1.38
(1,9)	1:A:19:ALA:H	2:X:4:DG:C2'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:4:DG:C3'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:4:DG:C4	6	1.38
(1,9)	1:A:19:ALA:H	2:X:4:DG:C4'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:4:DG:C5	6	1.38
(1,9)	1:A:19:ALA:H	2:X:4:DG:C5'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:4:DG:C6	6	1.38
(1,9)	1:A:19:ALA:H	2:X:4:DG:C8	6	1.38
(1,9)	1:A:19:ALA:H	2:X:4:DG:H1	6	1.38
(1,9)	1:A:19:ALA:H	2:X:4:DG:H1'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:4:DG:H2'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:4:DG:H2''	6	1.38
(1,9)	1:A:19:ALA:H	2:X:4:DG:H21	6	1.38
(1,9)	1:A:19:ALA:H	2:X:4:DG:H22	6	1.38
(1,9)	1:A:19:ALA:H	2:X:4:DG:H3'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:4:DG:H4'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:4:DG:H5'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:4:DG:H5''	6	1.38
(1,9)	1:A:19:ALA:H	2:X:4:DG:H8	6	1.38
(1,9)	1:A:19:ALA:H	2:X:4:DG:N1	6	1.38
(1,9)	1:A:19:ALA:H	2:X:4:DG:N2	6	1.38
(1,9)	1:A:19:ALA:H	2:X:4:DG:N3	6	1.38
(1,9)	1:A:19:ALA:H	2:X:4:DG:N7	6	1.38
(1,9)	1:A:19:ALA:H	2:X:4:DG:N9	6	1.38
(1,9)	1:A:19:ALA:H	2:X:4:DG:O3'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:4:DG:O4'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:4:DG:O5'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:4:DG:O6	6	1.38
(1,9)	1:A:19:ALA:H	2:X:4:DG:OP1	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:H	2:X:4:DG:OP2	6	1.38
(1,9)	1:A:19:ALA:H	2:X:4:DG:P	6	1.38
(1,9)	1:A:19:ALA:H	2:X:5:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:5:DA:C2	6	1.38
(1,9)	1:A:19:ALA:H	2:X:5:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:5:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:5:DA:C4	6	1.38
(1,9)	1:A:19:ALA:H	2:X:5:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:5:DA:C5	6	1.38
(1,9)	1:A:19:ALA:H	2:X:5:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:5:DA:C6	6	1.38
(1,9)	1:A:19:ALA:H	2:X:5:DA:C8	6	1.38
(1,9)	1:A:19:ALA:H	2:X:5:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:5:DA:H2	6	1.38
(1,9)	1:A:19:ALA:H	2:X:5:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:5:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:H	2:X:5:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:5:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:5:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:5:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:H	2:X:5:DA:H61	6	1.38
(1,9)	1:A:19:ALA:H	2:X:5:DA:H62	6	1.38
(1,9)	1:A:19:ALA:H	2:X:5:DA:H8	6	1.38
(1,9)	1:A:19:ALA:H	2:X:5:DA:N1	6	1.38
(1,9)	1:A:19:ALA:H	2:X:5:DA:N3	6	1.38
(1,9)	1:A:19:ALA:H	2:X:5:DA:N6	6	1.38
(1,9)	1:A:19:ALA:H	2:X:5:DA:N7	6	1.38
(1,9)	1:A:19:ALA:H	2:X:5:DA:N9	6	1.38
(1,9)	1:A:19:ALA:H	2:X:5:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:5:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:5:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:5:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:H	2:X:5:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:H	2:X:5:DA:P	6	1.38
(1,9)	1:A:19:ALA:H	2:X:6:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:6:DT:C2	6	1.38
(1,9)	1:A:19:ALA:H	2:X:6:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:6:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:6:DT:C4	6	1.38
(1,9)	1:A:19:ALA:H	2:X:6:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:6:DT:C5	6	1.38
(1,9)	1:A:19:ALA:H	2:X:6:DT:C5'	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:H	2:X:6:DT:C6	6	1.38
(1,9)	1:A:19:ALA:H	2:X:6:DT:C7	6	1.38
(1,9)	1:A:19:ALA:H	2:X:6:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:6:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:6:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:H	2:X:6:DT:H3	6	1.38
(1,9)	1:A:19:ALA:H	2:X:6:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:6:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:6:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:6:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:H	2:X:6:DT:H6	6	1.38
(1,9)	1:A:19:ALA:H	2:X:6:DT:H71	6	1.38
(1,9)	1:A:19:ALA:H	2:X:6:DT:H72	6	1.38
(1,9)	1:A:19:ALA:H	2:X:6:DT:H73	6	1.38
(1,9)	1:A:19:ALA:H	2:X:6:DT:N1	6	1.38
(1,9)	1:A:19:ALA:H	2:X:6:DT:N3	6	1.38
(1,9)	1:A:19:ALA:H	2:X:6:DT:O2	6	1.38
(1,9)	1:A:19:ALA:H	2:X:6:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:6:DT:O4	6	1.38
(1,9)	1:A:19:ALA:H	2:X:6:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:6:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:6:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:H	2:X:6:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:H	2:X:6:DT:P	6	1.38
(1,9)	1:A:19:ALA:H	2:X:7:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:7:DA:C2	6	1.38
(1,9)	1:A:19:ALA:H	2:X:7:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:7:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:7:DA:C4	6	1.38
(1,9)	1:A:19:ALA:H	2:X:7:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:7:DA:C5	6	1.38
(1,9)	1:A:19:ALA:H	2:X:7:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:7:DA:C6	6	1.38
(1,9)	1:A:19:ALA:H	2:X:7:DA:C8	6	1.38
(1,9)	1:A:19:ALA:H	2:X:7:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:7:DA:H2	6	1.38
(1,9)	1:A:19:ALA:H	2:X:7:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:7:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:H	2:X:7:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:7:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:7:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:7:DA:H5''	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:H	2:X:7:DA:H61	6	1.38
(1,9)	1:A:19:ALA:H	2:X:7:DA:H62	6	1.38
(1,9)	1:A:19:ALA:H	2:X:7:DA:H8	6	1.38
(1,9)	1:A:19:ALA:H	2:X:7:DA:N1	6	1.38
(1,9)	1:A:19:ALA:H	2:X:7:DA:N3	6	1.38
(1,9)	1:A:19:ALA:H	2:X:7:DA:N6	6	1.38
(1,9)	1:A:19:ALA:H	2:X:7:DA:N7	6	1.38
(1,9)	1:A:19:ALA:H	2:X:7:DA:N9	6	1.38
(1,9)	1:A:19:ALA:H	2:X:7:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:7:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:7:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:7:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:H	2:X:7:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:H	2:X:7:DA:P	6	1.38
(1,9)	1:A:19:ALA:H	2:X:8:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:8:DT:C2	6	1.38
(1,9)	1:A:19:ALA:H	2:X:8:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:8:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:8:DT:C4	6	1.38
(1,9)	1:A:19:ALA:H	2:X:8:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:8:DT:C5	6	1.38
(1,9)	1:A:19:ALA:H	2:X:8:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:8:DT:C6	6	1.38
(1,9)	1:A:19:ALA:H	2:X:8:DT:C7	6	1.38
(1,9)	1:A:19:ALA:H	2:X:8:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:8:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:8:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:H	2:X:8:DT:H3	6	1.38
(1,9)	1:A:19:ALA:H	2:X:8:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:8:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:8:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:8:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:H	2:X:8:DT:H6	6	1.38
(1,9)	1:A:19:ALA:H	2:X:8:DT:H71	6	1.38
(1,9)	1:A:19:ALA:H	2:X:8:DT:H72	6	1.38
(1,9)	1:A:19:ALA:H	2:X:8:DT:H73	6	1.38
(1,9)	1:A:19:ALA:H	2:X:8:DT:N1	6	1.38
(1,9)	1:A:19:ALA:H	2:X:8:DT:N3	6	1.38
(1,9)	1:A:19:ALA:H	2:X:8:DT:O2	6	1.38
(1,9)	1:A:19:ALA:H	2:X:8:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:8:DT:O4	6	1.38
(1,9)	1:A:19:ALA:H	2:X:8:DT:O4'	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:H	2:X:8:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:8:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:H	2:X:8:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:H	2:X:8:DT:P	6	1.38
(1,9)	1:A:19:ALA:H	2:X:9:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:9:DA:C2	6	1.38
(1,9)	1:A:19:ALA:H	2:X:9:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:9:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:9:DA:C4	6	1.38
(1,9)	1:A:19:ALA:H	2:X:9:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:9:DA:C5	6	1.38
(1,9)	1:A:19:ALA:H	2:X:9:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:9:DA:C6	6	1.38
(1,9)	1:A:19:ALA:H	2:X:9:DA:C8	6	1.38
(1,9)	1:A:19:ALA:H	2:X:9:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:9:DA:H2	6	1.38
(1,9)	1:A:19:ALA:H	2:X:9:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:9:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:H	2:X:9:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:9:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:9:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:9:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:H	2:X:9:DA:H61	6	1.38
(1,9)	1:A:19:ALA:H	2:X:9:DA:H62	6	1.38
(1,9)	1:A:19:ALA:H	2:X:9:DA:H8	6	1.38
(1,9)	1:A:19:ALA:H	2:X:9:DA:N1	6	1.38
(1,9)	1:A:19:ALA:H	2:X:9:DA:N3	6	1.38
(1,9)	1:A:19:ALA:H	2:X:9:DA:N6	6	1.38
(1,9)	1:A:19:ALA:H	2:X:9:DA:N7	6	1.38
(1,9)	1:A:19:ALA:H	2:X:9:DA:N9	6	1.38
(1,9)	1:A:19:ALA:H	2:X:9:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:9:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:9:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:9:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:H	2:X:9:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:H	2:X:9:DA:P	6	1.38
(1,9)	1:A:19:ALA:H	2:X:10:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:10:DT:C2	6	1.38
(1,9)	1:A:19:ALA:H	2:X:10:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:10:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:10:DT:C4	6	1.38
(1,9)	1:A:19:ALA:H	2:X:10:DT:C4'	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:H	2:X:10:DT:C5	6	1.38
(1,9)	1:A:19:ALA:H	2:X:10:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:10:DT:C6	6	1.38
(1,9)	1:A:19:ALA:H	2:X:10:DT:C7	6	1.38
(1,9)	1:A:19:ALA:H	2:X:10:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:10:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:10:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:H	2:X:10:DT:H3	6	1.38
(1,9)	1:A:19:ALA:H	2:X:10:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:10:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:10:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:10:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:H	2:X:10:DT:H6	6	1.38
(1,9)	1:A:19:ALA:H	2:X:10:DT:H71	6	1.38
(1,9)	1:A:19:ALA:H	2:X:10:DT:H72	6	1.38
(1,9)	1:A:19:ALA:H	2:X:10:DT:H73	6	1.38
(1,9)	1:A:19:ALA:H	2:X:10:DT:N1	6	1.38
(1,9)	1:A:19:ALA:H	2:X:10:DT:N3	6	1.38
(1,9)	1:A:19:ALA:H	2:X:10:DT:O2	6	1.38
(1,9)	1:A:19:ALA:H	2:X:10:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:10:DT:O4	6	1.38
(1,9)	1:A:19:ALA:H	2:X:10:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:10:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:10:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:H	2:X:10:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:H	2:X:10:DT:P	6	1.38
(1,9)	1:A:19:ALA:H	2:X:11:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:11:DA:C2	6	1.38
(1,9)	1:A:19:ALA:H	2:X:11:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:11:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:11:DA:C4	6	1.38
(1,9)	1:A:19:ALA:H	2:X:11:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:11:DA:C5	6	1.38
(1,9)	1:A:19:ALA:H	2:X:11:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:11:DA:C6	6	1.38
(1,9)	1:A:19:ALA:H	2:X:11:DA:C8	6	1.38
(1,9)	1:A:19:ALA:H	2:X:11:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:11:DA:H2	6	1.38
(1,9)	1:A:19:ALA:H	2:X:11:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:11:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:H	2:X:11:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:11:DA:H4'	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:H	2:X:11:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:11:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:H	2:X:11:DA:H61	6	1.38
(1,9)	1:A:19:ALA:H	2:X:11:DA:H62	6	1.38
(1,9)	1:A:19:ALA:H	2:X:11:DA:H8	6	1.38
(1,9)	1:A:19:ALA:H	2:X:11:DA:N1	6	1.38
(1,9)	1:A:19:ALA:H	2:X:11:DA:N3	6	1.38
(1,9)	1:A:19:ALA:H	2:X:11:DA:N6	6	1.38
(1,9)	1:A:19:ALA:H	2:X:11:DA:N7	6	1.38
(1,9)	1:A:19:ALA:H	2:X:11:DA:N9	6	1.38
(1,9)	1:A:19:ALA:H	2:X:11:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:11:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:11:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:11:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:H	2:X:11:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:H	2:X:11:DA:P	6	1.38
(1,9)	1:A:19:ALA:H	2:X:12:DG:C1'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:12:DG:C2	6	1.38
(1,9)	1:A:19:ALA:H	2:X:12:DG:C2'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:12:DG:C3'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:12:DG:C4	6	1.38
(1,9)	1:A:19:ALA:H	2:X:12:DG:C4'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:12:DG:C5	6	1.38
(1,9)	1:A:19:ALA:H	2:X:12:DG:C5'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:12:DG:C6	6	1.38
(1,9)	1:A:19:ALA:H	2:X:12:DG:C8	6	1.38
(1,9)	1:A:19:ALA:H	2:X:12:DG:H1	6	1.38
(1,9)	1:A:19:ALA:H	2:X:12:DG:H1'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:12:DG:H2'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:12:DG:H2''	6	1.38
(1,9)	1:A:19:ALA:H	2:X:12:DG:H21	6	1.38
(1,9)	1:A:19:ALA:H	2:X:12:DG:H22	6	1.38
(1,9)	1:A:19:ALA:H	2:X:12:DG:H3'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:12:DG:H4'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:12:DG:H5'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:12:DG:H5''	6	1.38
(1,9)	1:A:19:ALA:H	2:X:12:DG:H8	6	1.38
(1,9)	1:A:19:ALA:H	2:X:12:DG:N1	6	1.38
(1,9)	1:A:19:ALA:H	2:X:12:DG:N2	6	1.38
(1,9)	1:A:19:ALA:H	2:X:12:DG:N3	6	1.38
(1,9)	1:A:19:ALA:H	2:X:12:DG:N7	6	1.38
(1,9)	1:A:19:ALA:H	2:X:12:DG:N9	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:H	2:X:12:DG:O3'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:12:DG:O4'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:12:DG:O5'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:12:DG:O6	6	1.38
(1,9)	1:A:19:ALA:H	2:X:12:DG:OP1	6	1.38
(1,9)	1:A:19:ALA:H	2:X:12:DG:OP2	6	1.38
(1,9)	1:A:19:ALA:H	2:X:12:DG:P	6	1.38
(1,9)	1:A:19:ALA:H	2:X:13:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:13:DT:C2	6	1.38
(1,9)	1:A:19:ALA:H	2:X:13:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:13:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:13:DT:C4	6	1.38
(1,9)	1:A:19:ALA:H	2:X:13:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:13:DT:C5	6	1.38
(1,9)	1:A:19:ALA:H	2:X:13:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:13:DT:C6	6	1.38
(1,9)	1:A:19:ALA:H	2:X:13:DT:C7	6	1.38
(1,9)	1:A:19:ALA:H	2:X:13:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:13:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:13:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:H	2:X:13:DT:H3	6	1.38
(1,9)	1:A:19:ALA:H	2:X:13:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:13:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:13:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:13:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:H	2:X:13:DT:H6	6	1.38
(1,9)	1:A:19:ALA:H	2:X:13:DT:H71	6	1.38
(1,9)	1:A:19:ALA:H	2:X:13:DT:H72	6	1.38
(1,9)	1:A:19:ALA:H	2:X:13:DT:H73	6	1.38
(1,9)	1:A:19:ALA:H	2:X:13:DT:N1	6	1.38
(1,9)	1:A:19:ALA:H	2:X:13:DT:N3	6	1.38
(1,9)	1:A:19:ALA:H	2:X:13:DT:O2	6	1.38
(1,9)	1:A:19:ALA:H	2:X:13:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:13:DT:O4	6	1.38
(1,9)	1:A:19:ALA:H	2:X:13:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:13:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:H	2:X:13:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:H	2:X:13:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:H	2:X:13:DT:P	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:3:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:3:DA:C2	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:3:DA:C2'	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:H	3:Y:3:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:3:DA:C4	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:3:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:3:DA:C5	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:3:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:3:DA:C6	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:3:DA:C8	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:3:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:3:DA:H2	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:3:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:3:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:3:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:3:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:3:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:3:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:3:DA:H61	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:3:DA:H62	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:3:DA:H8	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:3:DA:N1	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:3:DA:N3	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:3:DA:N6	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:3:DA:N7	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:3:DA:N9	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:3:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:3:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:3:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:3:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:3:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:3:DA:P	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:4:DC:C1'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:4:DC:C2	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:4:DC:C2'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:4:DC:C3'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:4:DC:C4	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:4:DC:C4'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:4:DC:C5	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:4:DC:C5'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:4:DC:C6	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:4:DC:H1'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:4:DC:H2'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:4:DC:H2''	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:4:DC:H3'	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:H	3:Y:4:DC:H4'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:4:DC:H41	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:4:DC:H42	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:4:DC:H5	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:4:DC:H5'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:4:DC:H5''	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:4:DC:H6	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:4:DC:N1	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:4:DC:N3	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:4:DC:N4	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:4:DC:O2	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:4:DC:O3'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:4:DC:O4'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:4:DC:O5'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:4:DC:OP1	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:4:DC:OP2	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:4:DC:P	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:5:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:5:DT:C2	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:5:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:5:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:5:DT:C4	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:5:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:5:DT:C5	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:5:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:5:DT:C6	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:5:DT:C7	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:5:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:5:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:5:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:5:DT:H3	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:5:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:5:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:5:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:5:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:5:DT:H6	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:5:DT:H71	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:5:DT:H72	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:5:DT:H73	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:5:DT:N1	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:5:DT:N3	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:5:DT:O2	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:H	3:Y:5:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:5:DT:O4	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:5:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:5:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:5:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:5:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:5:DT:P	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:6:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:6:DA:C2	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:6:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:6:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:6:DA:C4	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:6:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:6:DA:C5	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:6:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:6:DA:C6	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:6:DA:C8	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:6:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:6:DA:H2	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:6:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:6:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:6:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:6:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:6:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:6:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:6:DA:H61	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:6:DA:H62	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:6:DA:H8	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:6:DA:N1	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:6:DA:N3	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:6:DA:N6	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:6:DA:N7	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:6:DA:N9	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:6:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:6:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:6:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:6:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:6:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:6:DA:P	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:7:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:7:DT:C2	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:7:DT:C2'	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:H	3:Y:7:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:7:DT:C4	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:7:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:7:DT:C5	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:7:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:7:DT:C6	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:7:DT:C7	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:7:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:7:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:7:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:7:DT:H3	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:7:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:7:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:7:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:7:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:7:DT:H6	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:7:DT:H71	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:7:DT:H72	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:7:DT:H73	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:7:DT:N1	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:7:DT:N3	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:7:DT:O2	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:7:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:7:DT:O4	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:7:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:7:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:7:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:7:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:7:DT:P	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:8:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:8:DA:C2	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:8:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:8:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:8:DA:C4	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:8:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:8:DA:C5	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:8:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:8:DA:C6	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:8:DA:C8	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:8:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:8:DA:H2	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:8:DA:H2'	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:H	3:Y:8:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:8:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:8:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:8:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:8:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:8:DA:H61	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:8:DA:H62	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:8:DA:H8	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:8:DA:N1	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:8:DA:N3	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:8:DA:N6	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:8:DA:N7	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:8:DA:N9	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:8:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:8:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:8:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:8:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:8:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:8:DA:P	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:9:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:9:DT:C2	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:9:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:9:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:9:DT:C4	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:9:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:9:DT:C5	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:9:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:9:DT:C6	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:9:DT:C7	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:9:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:9:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:9:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:9:DT:H3	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:9:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:9:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:9:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:9:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:9:DT:H6	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:9:DT:H71	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:9:DT:H72	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:9:DT:H73	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:9:DT:N1	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:H	3:Y:9:DT:N3	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:9:DT:O2	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:9:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:9:DT:O4	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:9:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:9:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:9:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:9:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:9:DT:P	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:10:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:10:DA:C2	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:10:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:10:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:10:DA:C4	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:10:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:10:DA:C5	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:10:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:10:DA:C6	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:10:DA:C8	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:10:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:10:DA:H2	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:10:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:10:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:10:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:10:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:10:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:10:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:10:DA:H61	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:10:DA:H62	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:10:DA:H8	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:10:DA:N1	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:10:DA:N3	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:10:DA:N6	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:10:DA:N7	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:10:DA:N9	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:10:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:10:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:10:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:10:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:10:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:10:DA:P	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:11:DT:C1'	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:H	3:Y:11:DT:C2	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:11:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:11:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:11:DT:C4	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:11:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:11:DT:C5	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:11:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:11:DT:C6	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:11:DT:C7	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:11:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:11:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:11:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:11:DT:H3	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:11:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:11:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:11:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:11:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:11:DT:H6	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:11:DT:H71	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:11:DT:H72	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:11:DT:H73	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:11:DT:N1	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:11:DT:N3	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:11:DT:O2	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:11:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:11:DT:O4	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:11:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:11:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:11:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:11:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:11:DT:P	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:12:DC:C1'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:12:DC:C2	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:12:DC:C2'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:12:DC:C3'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:12:DC:C4	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:12:DC:C4'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:12:DC:C5	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:12:DC:C5'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:12:DC:C6	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:12:DC:H1'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:12:DC:H2'	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:H	3:Y:12:DC:H2''	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:12:DC:H3'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:12:DC:H4'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:12:DC:H41	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:12:DC:H42	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:12:DC:H5	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:12:DC:H5'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:12:DC:H5''	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:12:DC:H6	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:12:DC:N1	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:12:DC:N3	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:12:DC:N4	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:12:DC:O2	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:12:DC:O3'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:12:DC:O4'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:12:DC:O5'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:12:DC:OP1	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:12:DC:OP2	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:12:DC:P	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:13:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:13:DA:C2	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:13:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:13:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:13:DA:C4	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:13:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:13:DA:C5	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:13:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:13:DA:C6	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:13:DA:C8	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:13:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:13:DA:H2	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:13:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:13:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:13:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:13:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:13:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:13:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:13:DA:H61	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:13:DA:H62	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:13:DA:H8	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:13:DA:N1	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:13:DA:N3	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:H	3:Y:13:DA:N6	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:13:DA:N7	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:13:DA:N9	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:13:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:13:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:13:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:13:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:13:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:H	3:Y:13:DA:P	6	1.38
(1,9)	1:A:19:ALA:N	2:X:3:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:3:DT:C2	6	1.38
(1,9)	1:A:19:ALA:N	2:X:3:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:3:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:3:DT:C4	6	1.38
(1,9)	1:A:19:ALA:N	2:X:3:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:3:DT:C5	6	1.38
(1,9)	1:A:19:ALA:N	2:X:3:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:3:DT:C6	6	1.38
(1,9)	1:A:19:ALA:N	2:X:3:DT:C7	6	1.38
(1,9)	1:A:19:ALA:N	2:X:3:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:3:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:3:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:N	2:X:3:DT:H3	6	1.38
(1,9)	1:A:19:ALA:N	2:X:3:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:3:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:3:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:3:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:N	2:X:3:DT:H6	6	1.38
(1,9)	1:A:19:ALA:N	2:X:3:DT:H71	6	1.38
(1,9)	1:A:19:ALA:N	2:X:3:DT:H72	6	1.38
(1,9)	1:A:19:ALA:N	2:X:3:DT:H73	6	1.38
(1,9)	1:A:19:ALA:N	2:X:3:DT:N1	6	1.38
(1,9)	1:A:19:ALA:N	2:X:3:DT:N3	6	1.38
(1,9)	1:A:19:ALA:N	2:X:3:DT:O2	6	1.38
(1,9)	1:A:19:ALA:N	2:X:3:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:3:DT:O4	6	1.38
(1,9)	1:A:19:ALA:N	2:X:3:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:3:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:3:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:N	2:X:3:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:N	2:X:3:DT:P	6	1.38
(1,9)	1:A:19:ALA:N	2:X:4:DG:C1'	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:N	2:X:4:DG:C2	6	1.38
(1,9)	1:A:19:ALA:N	2:X:4:DG:C2'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:4:DG:C3'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:4:DG:C4	6	1.38
(1,9)	1:A:19:ALA:N	2:X:4:DG:C4'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:4:DG:C5	6	1.38
(1,9)	1:A:19:ALA:N	2:X:4:DG:C5'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:4:DG:C6	6	1.38
(1,9)	1:A:19:ALA:N	2:X:4:DG:C8	6	1.38
(1,9)	1:A:19:ALA:N	2:X:4:DG:H1	6	1.38
(1,9)	1:A:19:ALA:N	2:X:4:DG:H1'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:4:DG:H2'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:4:DG:H2''	6	1.38
(1,9)	1:A:19:ALA:N	2:X:4:DG:H21	6	1.38
(1,9)	1:A:19:ALA:N	2:X:4:DG:H22	6	1.38
(1,9)	1:A:19:ALA:N	2:X:4:DG:H3'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:4:DG:H4'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:4:DG:H5'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:4:DG:H5''	6	1.38
(1,9)	1:A:19:ALA:N	2:X:4:DG:H8	6	1.38
(1,9)	1:A:19:ALA:N	2:X:4:DG:N1	6	1.38
(1,9)	1:A:19:ALA:N	2:X:4:DG:N2	6	1.38
(1,9)	1:A:19:ALA:N	2:X:4:DG:N3	6	1.38
(1,9)	1:A:19:ALA:N	2:X:4:DG:N7	6	1.38
(1,9)	1:A:19:ALA:N	2:X:4:DG:N9	6	1.38
(1,9)	1:A:19:ALA:N	2:X:4:DG:O3'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:4:DG:O4'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:4:DG:O5'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:4:DG:O6	6	1.38
(1,9)	1:A:19:ALA:N	2:X:4:DG:OP1	6	1.38
(1,9)	1:A:19:ALA:N	2:X:4:DG:OP2	6	1.38
(1,9)	1:A:19:ALA:N	2:X:4:DG:P	6	1.38
(1,9)	1:A:19:ALA:N	2:X:5:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:5:DA:C2	6	1.38
(1,9)	1:A:19:ALA:N	2:X:5:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:5:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:5:DA:C4	6	1.38
(1,9)	1:A:19:ALA:N	2:X:5:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:5:DA:C5	6	1.38
(1,9)	1:A:19:ALA:N	2:X:5:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:5:DA:C6	6	1.38
(1,9)	1:A:19:ALA:N	2:X:5:DA:C8	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:N	2:X:5:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:5:DA:H2	6	1.38
(1,9)	1:A:19:ALA:N	2:X:5:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:5:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:N	2:X:5:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:5:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:5:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:5:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:N	2:X:5:DA:H61	6	1.38
(1,9)	1:A:19:ALA:N	2:X:5:DA:H62	6	1.38
(1,9)	1:A:19:ALA:N	2:X:5:DA:H8	6	1.38
(1,9)	1:A:19:ALA:N	2:X:5:DA:N1	6	1.38
(1,9)	1:A:19:ALA:N	2:X:5:DA:N3	6	1.38
(1,9)	1:A:19:ALA:N	2:X:5:DA:N6	6	1.38
(1,9)	1:A:19:ALA:N	2:X:5:DA:N7	6	1.38
(1,9)	1:A:19:ALA:N	2:X:5:DA:N9	6	1.38
(1,9)	1:A:19:ALA:N	2:X:5:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:5:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:5:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:5:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:N	2:X:5:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:N	2:X:5:DA:P	6	1.38
(1,9)	1:A:19:ALA:N	2:X:6:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:6:DT:C2	6	1.38
(1,9)	1:A:19:ALA:N	2:X:6:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:6:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:6:DT:C4	6	1.38
(1,9)	1:A:19:ALA:N	2:X:6:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:6:DT:C5	6	1.38
(1,9)	1:A:19:ALA:N	2:X:6:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:6:DT:C6	6	1.38
(1,9)	1:A:19:ALA:N	2:X:6:DT:C7	6	1.38
(1,9)	1:A:19:ALA:N	2:X:6:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:6:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:6:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:N	2:X:6:DT:H3	6	1.38
(1,9)	1:A:19:ALA:N	2:X:6:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:6:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:6:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:6:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:N	2:X:6:DT:H6	6	1.38
(1,9)	1:A:19:ALA:N	2:X:6:DT:H71	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:N	2:X:6:DT:H72	6	1.38
(1,9)	1:A:19:ALA:N	2:X:6:DT:H73	6	1.38
(1,9)	1:A:19:ALA:N	2:X:6:DT:N1	6	1.38
(1,9)	1:A:19:ALA:N	2:X:6:DT:N3	6	1.38
(1,9)	1:A:19:ALA:N	2:X:6:DT:O2	6	1.38
(1,9)	1:A:19:ALA:N	2:X:6:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:6:DT:O4	6	1.38
(1,9)	1:A:19:ALA:N	2:X:6:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:6:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:6:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:N	2:X:6:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:N	2:X:6:DT:P	6	1.38
(1,9)	1:A:19:ALA:N	2:X:7:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:7:DA:C2	6	1.38
(1,9)	1:A:19:ALA:N	2:X:7:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:7:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:7:DA:C4	6	1.38
(1,9)	1:A:19:ALA:N	2:X:7:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:7:DA:C5	6	1.38
(1,9)	1:A:19:ALA:N	2:X:7:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:7:DA:C6	6	1.38
(1,9)	1:A:19:ALA:N	2:X:7:DA:C8	6	1.38
(1,9)	1:A:19:ALA:N	2:X:7:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:7:DA:H2	6	1.38
(1,9)	1:A:19:ALA:N	2:X:7:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:7:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:N	2:X:7:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:7:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:7:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:7:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:N	2:X:7:DA:H61	6	1.38
(1,9)	1:A:19:ALA:N	2:X:7:DA:H62	6	1.38
(1,9)	1:A:19:ALA:N	2:X:7:DA:H8	6	1.38
(1,9)	1:A:19:ALA:N	2:X:7:DA:N1	6	1.38
(1,9)	1:A:19:ALA:N	2:X:7:DA:N3	6	1.38
(1,9)	1:A:19:ALA:N	2:X:7:DA:N6	6	1.38
(1,9)	1:A:19:ALA:N	2:X:7:DA:N7	6	1.38
(1,9)	1:A:19:ALA:N	2:X:7:DA:N9	6	1.38
(1,9)	1:A:19:ALA:N	2:X:7:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:7:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:7:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:7:DA:OP1	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:N	2:X:7:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:N	2:X:7:DA:P	6	1.38
(1,9)	1:A:19:ALA:N	2:X:8:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:8:DT:C2	6	1.38
(1,9)	1:A:19:ALA:N	2:X:8:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:8:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:8:DT:C4	6	1.38
(1,9)	1:A:19:ALA:N	2:X:8:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:8:DT:C5	6	1.38
(1,9)	1:A:19:ALA:N	2:X:8:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:8:DT:C6	6	1.38
(1,9)	1:A:19:ALA:N	2:X:8:DT:C7	6	1.38
(1,9)	1:A:19:ALA:N	2:X:8:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:8:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:8:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:N	2:X:8:DT:H3	6	1.38
(1,9)	1:A:19:ALA:N	2:X:8:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:8:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:8:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:8:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:N	2:X:8:DT:H6	6	1.38
(1,9)	1:A:19:ALA:N	2:X:8:DT:H71	6	1.38
(1,9)	1:A:19:ALA:N	2:X:8:DT:H72	6	1.38
(1,9)	1:A:19:ALA:N	2:X:8:DT:H73	6	1.38
(1,9)	1:A:19:ALA:N	2:X:8:DT:N1	6	1.38
(1,9)	1:A:19:ALA:N	2:X:8:DT:N3	6	1.38
(1,9)	1:A:19:ALA:N	2:X:8:DT:O2	6	1.38
(1,9)	1:A:19:ALA:N	2:X:8:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:8:DT:O4	6	1.38
(1,9)	1:A:19:ALA:N	2:X:8:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:8:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:8:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:N	2:X:8:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:N	2:X:8:DT:P	6	1.38
(1,9)	1:A:19:ALA:N	2:X:9:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:9:DA:C2	6	1.38
(1,9)	1:A:19:ALA:N	2:X:9:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:9:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:9:DA:C4	6	1.38
(1,9)	1:A:19:ALA:N	2:X:9:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:9:DA:C5	6	1.38
(1,9)	1:A:19:ALA:N	2:X:9:DA:C5'	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:N	2:X:9:DA:C6	6	1.38
(1,9)	1:A:19:ALA:N	2:X:9:DA:C8	6	1.38
(1,9)	1:A:19:ALA:N	2:X:9:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:9:DA:H2	6	1.38
(1,9)	1:A:19:ALA:N	2:X:9:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:9:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:N	2:X:9:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:9:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:9:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:9:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:N	2:X:9:DA:H61	6	1.38
(1,9)	1:A:19:ALA:N	2:X:9:DA:H62	6	1.38
(1,9)	1:A:19:ALA:N	2:X:9:DA:H8	6	1.38
(1,9)	1:A:19:ALA:N	2:X:9:DA:N1	6	1.38
(1,9)	1:A:19:ALA:N	2:X:9:DA:N3	6	1.38
(1,9)	1:A:19:ALA:N	2:X:9:DA:N6	6	1.38
(1,9)	1:A:19:ALA:N	2:X:9:DA:N7	6	1.38
(1,9)	1:A:19:ALA:N	2:X:9:DA:N9	6	1.38
(1,9)	1:A:19:ALA:N	2:X:9:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:9:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:9:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:9:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:N	2:X:9:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:N	2:X:9:DA:P	6	1.38
(1,9)	1:A:19:ALA:N	2:X:10:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:10:DT:C2	6	1.38
(1,9)	1:A:19:ALA:N	2:X:10:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:10:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:10:DT:C4	6	1.38
(1,9)	1:A:19:ALA:N	2:X:10:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:10:DT:C5	6	1.38
(1,9)	1:A:19:ALA:N	2:X:10:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:10:DT:C6	6	1.38
(1,9)	1:A:19:ALA:N	2:X:10:DT:C7	6	1.38
(1,9)	1:A:19:ALA:N	2:X:10:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:10:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:10:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:N	2:X:10:DT:H3	6	1.38
(1,9)	1:A:19:ALA:N	2:X:10:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:10:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:10:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:10:DT:H5''	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:N	2:X:10:DT:H6	6	1.38
(1,9)	1:A:19:ALA:N	2:X:10:DT:H71	6	1.38
(1,9)	1:A:19:ALA:N	2:X:10:DT:H72	6	1.38
(1,9)	1:A:19:ALA:N	2:X:10:DT:H73	6	1.38
(1,9)	1:A:19:ALA:N	2:X:10:DT:N1	6	1.38
(1,9)	1:A:19:ALA:N	2:X:10:DT:N3	6	1.38
(1,9)	1:A:19:ALA:N	2:X:10:DT:O2	6	1.38
(1,9)	1:A:19:ALA:N	2:X:10:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:10:DT:O4	6	1.38
(1,9)	1:A:19:ALA:N	2:X:10:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:10:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:10:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:N	2:X:10:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:N	2:X:10:DT:P	6	1.38
(1,9)	1:A:19:ALA:N	2:X:11:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:11:DA:C2	6	1.38
(1,9)	1:A:19:ALA:N	2:X:11:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:11:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:11:DA:C4	6	1.38
(1,9)	1:A:19:ALA:N	2:X:11:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:11:DA:C5	6	1.38
(1,9)	1:A:19:ALA:N	2:X:11:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:11:DA:C6	6	1.38
(1,9)	1:A:19:ALA:N	2:X:11:DA:C8	6	1.38
(1,9)	1:A:19:ALA:N	2:X:11:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:11:DA:H2	6	1.38
(1,9)	1:A:19:ALA:N	2:X:11:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:11:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:N	2:X:11:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:11:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:11:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:11:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:N	2:X:11:DA:H61	6	1.38
(1,9)	1:A:19:ALA:N	2:X:11:DA:H62	6	1.38
(1,9)	1:A:19:ALA:N	2:X:11:DA:H8	6	1.38
(1,9)	1:A:19:ALA:N	2:X:11:DA:N1	6	1.38
(1,9)	1:A:19:ALA:N	2:X:11:DA:N3	6	1.38
(1,9)	1:A:19:ALA:N	2:X:11:DA:N6	6	1.38
(1,9)	1:A:19:ALA:N	2:X:11:DA:N7	6	1.38
(1,9)	1:A:19:ALA:N	2:X:11:DA:N9	6	1.38
(1,9)	1:A:19:ALA:N	2:X:11:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:11:DA:O4'	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:N	2:X:11:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:11:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:N	2:X:11:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:N	2:X:11:DA:P	6	1.38
(1,9)	1:A:19:ALA:N	2:X:12:DG:C1'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:12:DG:C2	6	1.38
(1,9)	1:A:19:ALA:N	2:X:12:DG:C2'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:12:DG:C3'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:12:DG:C4	6	1.38
(1,9)	1:A:19:ALA:N	2:X:12:DG:C4'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:12:DG:C5	6	1.38
(1,9)	1:A:19:ALA:N	2:X:12:DG:C5'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:12:DG:C6	6	1.38
(1,9)	1:A:19:ALA:N	2:X:12:DG:C8	6	1.38
(1,9)	1:A:19:ALA:N	2:X:12:DG:H1	6	1.38
(1,9)	1:A:19:ALA:N	2:X:12:DG:H1'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:12:DG:H2'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:12:DG:H2''	6	1.38
(1,9)	1:A:19:ALA:N	2:X:12:DG:H21	6	1.38
(1,9)	1:A:19:ALA:N	2:X:12:DG:H22	6	1.38
(1,9)	1:A:19:ALA:N	2:X:12:DG:H3'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:12:DG:H4'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:12:DG:H5'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:12:DG:H5''	6	1.38
(1,9)	1:A:19:ALA:N	2:X:12:DG:H8	6	1.38
(1,9)	1:A:19:ALA:N	2:X:12:DG:N1	6	1.38
(1,9)	1:A:19:ALA:N	2:X:12:DG:N2	6	1.38
(1,9)	1:A:19:ALA:N	2:X:12:DG:N3	6	1.38
(1,9)	1:A:19:ALA:N	2:X:12:DG:N7	6	1.38
(1,9)	1:A:19:ALA:N	2:X:12:DG:N9	6	1.38
(1,9)	1:A:19:ALA:N	2:X:12:DG:O3'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:12:DG:O4'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:12:DG:O5'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:12:DG:O6	6	1.38
(1,9)	1:A:19:ALA:N	2:X:12:DG:OP1	6	1.38
(1,9)	1:A:19:ALA:N	2:X:12:DG:OP2	6	1.38
(1,9)	1:A:19:ALA:N	2:X:12:DG:P	6	1.38
(1,9)	1:A:19:ALA:N	2:X:13:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:13:DT:C2	6	1.38
(1,9)	1:A:19:ALA:N	2:X:13:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:13:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:13:DT:C4	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:N	2:X:13:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:13:DT:C5	6	1.38
(1,9)	1:A:19:ALA:N	2:X:13:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:13:DT:C6	6	1.38
(1,9)	1:A:19:ALA:N	2:X:13:DT:C7	6	1.38
(1,9)	1:A:19:ALA:N	2:X:13:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:13:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:13:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:N	2:X:13:DT:H3	6	1.38
(1,9)	1:A:19:ALA:N	2:X:13:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:13:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:13:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:13:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:N	2:X:13:DT:H6	6	1.38
(1,9)	1:A:19:ALA:N	2:X:13:DT:H71	6	1.38
(1,9)	1:A:19:ALA:N	2:X:13:DT:H72	6	1.38
(1,9)	1:A:19:ALA:N	2:X:13:DT:H73	6	1.38
(1,9)	1:A:19:ALA:N	2:X:13:DT:N1	6	1.38
(1,9)	1:A:19:ALA:N	2:X:13:DT:N3	6	1.38
(1,9)	1:A:19:ALA:N	2:X:13:DT:O2	6	1.38
(1,9)	1:A:19:ALA:N	2:X:13:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:13:DT:O4	6	1.38
(1,9)	1:A:19:ALA:N	2:X:13:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:13:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:N	2:X:13:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:N	2:X:13:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:N	2:X:13:DT:P	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:3:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:3:DA:C2	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:3:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:3:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:3:DA:C4	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:3:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:3:DA:C5	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:3:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:3:DA:C6	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:3:DA:C8	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:3:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:3:DA:H2	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:3:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:3:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:3:DA:H3'	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:N	3:Y:3:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:3:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:3:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:3:DA:H61	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:3:DA:H62	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:3:DA:H8	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:3:DA:N1	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:3:DA:N3	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:3:DA:N6	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:3:DA:N7	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:3:DA:N9	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:3:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:3:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:3:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:3:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:3:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:3:DA:P	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:4:DC:C1'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:4:DC:C2	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:4:DC:C2'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:4:DC:C3'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:4:DC:C4	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:4:DC:C4'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:4:DC:C5	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:4:DC:C5'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:4:DC:C6	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:4:DC:H1'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:4:DC:H2'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:4:DC:H2''	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:4:DC:H3'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:4:DC:H4'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:4:DC:H41	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:4:DC:H42	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:4:DC:H5	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:4:DC:H5'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:4:DC:H5''	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:4:DC:H6	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:4:DC:N1	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:4:DC:N3	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:4:DC:N4	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:4:DC:O2	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:4:DC:O3'	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:N	3:Y:4:DC:O4'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:4:DC:O5'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:4:DC:OP1	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:4:DC:OP2	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:4:DC:P	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:5:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:5:DT:C2	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:5:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:5:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:5:DT:C4	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:5:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:5:DT:C5	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:5:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:5:DT:C6	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:5:DT:C7	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:5:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:5:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:5:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:5:DT:H3	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:5:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:5:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:5:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:5:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:5:DT:H6	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:5:DT:H71	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:5:DT:H72	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:5:DT:H73	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:5:DT:N1	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:5:DT:N3	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:5:DT:O2	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:5:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:5:DT:O4	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:5:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:5:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:5:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:5:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:5:DT:P	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:6:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:6:DA:C2	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:6:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:6:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:6:DA:C4	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:N	3:Y:6:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:6:DA:C5	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:6:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:6:DA:C6	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:6:DA:C8	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:6:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:6:DA:H2	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:6:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:6:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:6:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:6:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:6:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:6:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:6:DA:H61	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:6:DA:H62	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:6:DA:H8	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:6:DA:N1	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:6:DA:N3	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:6:DA:N6	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:6:DA:N7	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:6:DA:N9	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:6:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:6:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:6:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:6:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:6:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:6:DA:P	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:7:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:7:DT:C2	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:7:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:7:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:7:DT:C4	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:7:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:7:DT:C5	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:7:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:7:DT:C6	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:7:DT:C7	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:7:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:7:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:7:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:7:DT:H3	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:7:DT:H3'	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:N	3:Y:7:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:7:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:7:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:7:DT:H6	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:7:DT:H71	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:7:DT:H72	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:7:DT:H73	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:7:DT:N1	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:7:DT:N3	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:7:DT:O2	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:7:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:7:DT:O4	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:7:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:7:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:7:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:7:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:7:DT:P	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:8:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:8:DA:C2	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:8:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:8:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:8:DA:C4	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:8:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:8:DA:C5	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:8:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:8:DA:C6	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:8:DA:C8	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:8:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:8:DA:H2	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:8:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:8:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:8:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:8:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:8:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:8:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:8:DA:H61	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:8:DA:H62	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:8:DA:H8	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:8:DA:N1	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:8:DA:N3	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:8:DA:N6	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:8:DA:N7	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:N	3:Y:8:DA:N9	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:8:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:8:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:8:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:8:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:8:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:8:DA:P	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:9:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:9:DT:C2	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:9:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:9:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:9:DT:C4	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:9:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:9:DT:C5	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:9:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:9:DT:C6	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:9:DT:C7	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:9:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:9:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:9:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:9:DT:H3	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:9:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:9:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:9:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:9:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:9:DT:H6	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:9:DT:H71	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:9:DT:H72	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:9:DT:H73	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:9:DT:N1	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:9:DT:N3	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:9:DT:O2	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:9:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:9:DT:O4	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:9:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:9:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:9:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:9:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:9:DT:P	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:10:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:10:DA:C2	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:10:DA:C2'	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:N	3:Y:10:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:10:DA:C4	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:10:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:10:DA:C5	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:10:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:10:DA:C6	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:10:DA:C8	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:10:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:10:DA:H2	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:10:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:10:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:10:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:10:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:10:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:10:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:10:DA:H61	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:10:DA:H62	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:10:DA:H8	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:10:DA:N1	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:10:DA:N3	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:10:DA:N6	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:10:DA:N7	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:10:DA:N9	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:10:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:10:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:10:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:10:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:10:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:10:DA:P	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:11:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:11:DT:C2	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:11:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:11:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:11:DT:C4	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:11:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:11:DT:C5	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:11:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:11:DT:C6	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:11:DT:C7	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:11:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:11:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:11:DT:H2''	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:N	3:Y:11:DT:H3	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:11:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:11:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:11:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:11:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:11:DT:H6	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:11:DT:H71	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:11:DT:H72	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:11:DT:H73	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:11:DT:N1	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:11:DT:N3	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:11:DT:O2	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:11:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:11:DT:O4	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:11:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:11:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:11:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:11:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:11:DT:P	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:12:DC:C1'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:12:DC:C2	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:12:DC:C2'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:12:DC:C3'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:12:DC:C4	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:12:DC:C4'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:12:DC:C5	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:12:DC:C5'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:12:DC:C6	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:12:DC:H1'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:12:DC:H2'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:12:DC:H2''	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:12:DC:H3'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:12:DC:H4'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:12:DC:H41	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:12:DC:H42	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:12:DC:H5	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:12:DC:H5'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:12:DC:H5''	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:12:DC:H6	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:12:DC:N1	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:12:DC:N3	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:12:DC:N4	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:N	3:Y:12:DC:O2	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:12:DC:O3'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:12:DC:O4'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:12:DC:O5'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:12:DC:OP1	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:12:DC:OP2	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:12:DC:P	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:13:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:13:DA:C2	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:13:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:13:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:13:DA:C4	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:13:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:13:DA:C5	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:13:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:13:DA:C6	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:13:DA:C8	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:13:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:13:DA:H2	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:13:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:13:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:13:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:13:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:13:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:13:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:13:DA:H61	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:13:DA:H62	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:13:DA:H8	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:13:DA:N1	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:13:DA:N3	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:13:DA:N6	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:13:DA:N7	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:13:DA:N9	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:13:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:13:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:13:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:13:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:13:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:N	3:Y:13:DA:P	6	1.38
(1,9)	1:A:19:ALA:O	2:X:3:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:3:DT:C2	6	1.38
(1,9)	1:A:19:ALA:O	2:X:3:DT:C2'	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:O	2:X:3:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:3:DT:C4	6	1.38
(1,9)	1:A:19:ALA:O	2:X:3:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:3:DT:C5	6	1.38
(1,9)	1:A:19:ALA:O	2:X:3:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:3:DT:C6	6	1.38
(1,9)	1:A:19:ALA:O	2:X:3:DT:C7	6	1.38
(1,9)	1:A:19:ALA:O	2:X:3:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:3:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:3:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:O	2:X:3:DT:H3	6	1.38
(1,9)	1:A:19:ALA:O	2:X:3:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:3:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:3:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:3:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:O	2:X:3:DT:H6	6	1.38
(1,9)	1:A:19:ALA:O	2:X:3:DT:H71	6	1.38
(1,9)	1:A:19:ALA:O	2:X:3:DT:H72	6	1.38
(1,9)	1:A:19:ALA:O	2:X:3:DT:H73	6	1.38
(1,9)	1:A:19:ALA:O	2:X:3:DT:N1	6	1.38
(1,9)	1:A:19:ALA:O	2:X:3:DT:N3	6	1.38
(1,9)	1:A:19:ALA:O	2:X:3:DT:O2	6	1.38
(1,9)	1:A:19:ALA:O	2:X:3:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:3:DT:O4	6	1.38
(1,9)	1:A:19:ALA:O	2:X:3:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:3:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:3:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:O	2:X:3:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:O	2:X:3:DT:P	6	1.38
(1,9)	1:A:19:ALA:O	2:X:4:DG:C1'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:4:DG:C2	6	1.38
(1,9)	1:A:19:ALA:O	2:X:4:DG:C2'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:4:DG:C3'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:4:DG:C4	6	1.38
(1,9)	1:A:19:ALA:O	2:X:4:DG:C4'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:4:DG:C5	6	1.38
(1,9)	1:A:19:ALA:O	2:X:4:DG:C5'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:4:DG:C6	6	1.38
(1,9)	1:A:19:ALA:O	2:X:4:DG:C8	6	1.38
(1,9)	1:A:19:ALA:O	2:X:4:DG:H1	6	1.38
(1,9)	1:A:19:ALA:O	2:X:4:DG:H1'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:4:DG:H2'	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:O	2:X:4:DG:H2''	6	1.38
(1,9)	1:A:19:ALA:O	2:X:4:DG:H21	6	1.38
(1,9)	1:A:19:ALA:O	2:X:4:DG:H22	6	1.38
(1,9)	1:A:19:ALA:O	2:X:4:DG:H3'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:4:DG:H4'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:4:DG:H5'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:4:DG:H5''	6	1.38
(1,9)	1:A:19:ALA:O	2:X:4:DG:H8	6	1.38
(1,9)	1:A:19:ALA:O	2:X:4:DG:N1	6	1.38
(1,9)	1:A:19:ALA:O	2:X:4:DG:N2	6	1.38
(1,9)	1:A:19:ALA:O	2:X:4:DG:N3	6	1.38
(1,9)	1:A:19:ALA:O	2:X:4:DG:N7	6	1.38
(1,9)	1:A:19:ALA:O	2:X:4:DG:N9	6	1.38
(1,9)	1:A:19:ALA:O	2:X:4:DG:O3'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:4:DG:O4'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:4:DG:O5'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:4:DG:O6	6	1.38
(1,9)	1:A:19:ALA:O	2:X:4:DG:OP1	6	1.38
(1,9)	1:A:19:ALA:O	2:X:4:DG:OP2	6	1.38
(1,9)	1:A:19:ALA:O	2:X:4:DG:P	6	1.38
(1,9)	1:A:19:ALA:O	2:X:5:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:5:DA:C2	6	1.38
(1,9)	1:A:19:ALA:O	2:X:5:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:5:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:5:DA:C4	6	1.38
(1,9)	1:A:19:ALA:O	2:X:5:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:5:DA:C5	6	1.38
(1,9)	1:A:19:ALA:O	2:X:5:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:5:DA:C6	6	1.38
(1,9)	1:A:19:ALA:O	2:X:5:DA:C8	6	1.38
(1,9)	1:A:19:ALA:O	2:X:5:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:5:DA:H2	6	1.38
(1,9)	1:A:19:ALA:O	2:X:5:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:5:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:O	2:X:5:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:5:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:5:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:5:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:O	2:X:5:DA:H61	6	1.38
(1,9)	1:A:19:ALA:O	2:X:5:DA:H62	6	1.38
(1,9)	1:A:19:ALA:O	2:X:5:DA:H8	6	1.38
(1,9)	1:A:19:ALA:O	2:X:5:DA:N1	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:O	2:X:5:DA:N3	6	1.38
(1,9)	1:A:19:ALA:O	2:X:5:DA:N6	6	1.38
(1,9)	1:A:19:ALA:O	2:X:5:DA:N7	6	1.38
(1,9)	1:A:19:ALA:O	2:X:5:DA:N9	6	1.38
(1,9)	1:A:19:ALA:O	2:X:5:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:5:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:5:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:5:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:O	2:X:5:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:O	2:X:5:DA:P	6	1.38
(1,9)	1:A:19:ALA:O	2:X:6:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:6:DT:C2	6	1.38
(1,9)	1:A:19:ALA:O	2:X:6:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:6:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:6:DT:C4	6	1.38
(1,9)	1:A:19:ALA:O	2:X:6:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:6:DT:C5	6	1.38
(1,9)	1:A:19:ALA:O	2:X:6:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:6:DT:C6	6	1.38
(1,9)	1:A:19:ALA:O	2:X:6:DT:C7	6	1.38
(1,9)	1:A:19:ALA:O	2:X:6:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:6:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:6:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:O	2:X:6:DT:H3	6	1.38
(1,9)	1:A:19:ALA:O	2:X:6:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:6:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:6:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:6:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:O	2:X:6:DT:H6	6	1.38
(1,9)	1:A:19:ALA:O	2:X:6:DT:H71	6	1.38
(1,9)	1:A:19:ALA:O	2:X:6:DT:H72	6	1.38
(1,9)	1:A:19:ALA:O	2:X:6:DT:H73	6	1.38
(1,9)	1:A:19:ALA:O	2:X:6:DT:N1	6	1.38
(1,9)	1:A:19:ALA:O	2:X:6:DT:N3	6	1.38
(1,9)	1:A:19:ALA:O	2:X:6:DT:O2	6	1.38
(1,9)	1:A:19:ALA:O	2:X:6:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:6:DT:O4	6	1.38
(1,9)	1:A:19:ALA:O	2:X:6:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:6:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:6:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:O	2:X:6:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:O	2:X:6:DT:P	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:O	2:X:7:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:7:DA:C2	6	1.38
(1,9)	1:A:19:ALA:O	2:X:7:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:7:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:7:DA:C4	6	1.38
(1,9)	1:A:19:ALA:O	2:X:7:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:7:DA:C5	6	1.38
(1,9)	1:A:19:ALA:O	2:X:7:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:7:DA:C6	6	1.38
(1,9)	1:A:19:ALA:O	2:X:7:DA:C8	6	1.38
(1,9)	1:A:19:ALA:O	2:X:7:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:7:DA:H2	6	1.38
(1,9)	1:A:19:ALA:O	2:X:7:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:7:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:O	2:X:7:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:7:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:7:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:7:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:O	2:X:7:DA:H61	6	1.38
(1,9)	1:A:19:ALA:O	2:X:7:DA:H62	6	1.38
(1,9)	1:A:19:ALA:O	2:X:7:DA:H8	6	1.38
(1,9)	1:A:19:ALA:O	2:X:7:DA:N1	6	1.38
(1,9)	1:A:19:ALA:O	2:X:7:DA:N3	6	1.38
(1,9)	1:A:19:ALA:O	2:X:7:DA:N6	6	1.38
(1,9)	1:A:19:ALA:O	2:X:7:DA:N7	6	1.38
(1,9)	1:A:19:ALA:O	2:X:7:DA:N9	6	1.38
(1,9)	1:A:19:ALA:O	2:X:7:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:7:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:7:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:7:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:O	2:X:7:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:O	2:X:7:DA:P	6	1.38
(1,9)	1:A:19:ALA:O	2:X:8:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:8:DT:C2	6	1.38
(1,9)	1:A:19:ALA:O	2:X:8:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:8:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:8:DT:C4	6	1.38
(1,9)	1:A:19:ALA:O	2:X:8:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:8:DT:C5	6	1.38
(1,9)	1:A:19:ALA:O	2:X:8:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:8:DT:C6	6	1.38
(1,9)	1:A:19:ALA:O	2:X:8:DT:C7	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:O	2:X:8:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:8:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:8:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:O	2:X:8:DT:H3	6	1.38
(1,9)	1:A:19:ALA:O	2:X:8:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:8:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:8:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:8:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:O	2:X:8:DT:H6	6	1.38
(1,9)	1:A:19:ALA:O	2:X:8:DT:H71	6	1.38
(1,9)	1:A:19:ALA:O	2:X:8:DT:H72	6	1.38
(1,9)	1:A:19:ALA:O	2:X:8:DT:H73	6	1.38
(1,9)	1:A:19:ALA:O	2:X:8:DT:N1	6	1.38
(1,9)	1:A:19:ALA:O	2:X:8:DT:N3	6	1.38
(1,9)	1:A:19:ALA:O	2:X:8:DT:O2	6	1.38
(1,9)	1:A:19:ALA:O	2:X:8:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:8:DT:O4	6	1.38
(1,9)	1:A:19:ALA:O	2:X:8:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:8:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:8:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:O	2:X:8:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:O	2:X:8:DT:P	6	1.38
(1,9)	1:A:19:ALA:O	2:X:9:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:9:DA:C2	6	1.38
(1,9)	1:A:19:ALA:O	2:X:9:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:9:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:9:DA:C4	6	1.38
(1,9)	1:A:19:ALA:O	2:X:9:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:9:DA:C5	6	1.38
(1,9)	1:A:19:ALA:O	2:X:9:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:9:DA:C6	6	1.38
(1,9)	1:A:19:ALA:O	2:X:9:DA:C8	6	1.38
(1,9)	1:A:19:ALA:O	2:X:9:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:9:DA:H2	6	1.38
(1,9)	1:A:19:ALA:O	2:X:9:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:9:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:O	2:X:9:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:9:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:9:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:9:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:O	2:X:9:DA:H61	6	1.38
(1,9)	1:A:19:ALA:O	2:X:9:DA:H62	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:O	2:X:9:DA:H8	6	1.38
(1,9)	1:A:19:ALA:O	2:X:9:DA:N1	6	1.38
(1,9)	1:A:19:ALA:O	2:X:9:DA:N3	6	1.38
(1,9)	1:A:19:ALA:O	2:X:9:DA:N6	6	1.38
(1,9)	1:A:19:ALA:O	2:X:9:DA:N7	6	1.38
(1,9)	1:A:19:ALA:O	2:X:9:DA:N9	6	1.38
(1,9)	1:A:19:ALA:O	2:X:9:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:9:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:9:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:9:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:O	2:X:9:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:O	2:X:9:DA:P	6	1.38
(1,9)	1:A:19:ALA:O	2:X:10:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:10:DT:C2	6	1.38
(1,9)	1:A:19:ALA:O	2:X:10:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:10:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:10:DT:C4	6	1.38
(1,9)	1:A:19:ALA:O	2:X:10:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:10:DT:C5	6	1.38
(1,9)	1:A:19:ALA:O	2:X:10:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:10:DT:C6	6	1.38
(1,9)	1:A:19:ALA:O	2:X:10:DT:C7	6	1.38
(1,9)	1:A:19:ALA:O	2:X:10:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:10:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:10:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:O	2:X:10:DT:H3	6	1.38
(1,9)	1:A:19:ALA:O	2:X:10:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:10:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:10:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:10:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:O	2:X:10:DT:H6	6	1.38
(1,9)	1:A:19:ALA:O	2:X:10:DT:H71	6	1.38
(1,9)	1:A:19:ALA:O	2:X:10:DT:H72	6	1.38
(1,9)	1:A:19:ALA:O	2:X:10:DT:H73	6	1.38
(1,9)	1:A:19:ALA:O	2:X:10:DT:N1	6	1.38
(1,9)	1:A:19:ALA:O	2:X:10:DT:N3	6	1.38
(1,9)	1:A:19:ALA:O	2:X:10:DT:O2	6	1.38
(1,9)	1:A:19:ALA:O	2:X:10:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:10:DT:O4	6	1.38
(1,9)	1:A:19:ALA:O	2:X:10:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:10:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:10:DT:OP1	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:O	2:X:10:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:O	2:X:10:DT:P	6	1.38
(1,9)	1:A:19:ALA:O	2:X:11:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:11:DA:C2	6	1.38
(1,9)	1:A:19:ALA:O	2:X:11:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:11:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:11:DA:C4	6	1.38
(1,9)	1:A:19:ALA:O	2:X:11:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:11:DA:C5	6	1.38
(1,9)	1:A:19:ALA:O	2:X:11:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:11:DA:C6	6	1.38
(1,9)	1:A:19:ALA:O	2:X:11:DA:C8	6	1.38
(1,9)	1:A:19:ALA:O	2:X:11:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:11:DA:H2	6	1.38
(1,9)	1:A:19:ALA:O	2:X:11:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:11:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:O	2:X:11:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:11:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:11:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:11:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:O	2:X:11:DA:H61	6	1.38
(1,9)	1:A:19:ALA:O	2:X:11:DA:H62	6	1.38
(1,9)	1:A:19:ALA:O	2:X:11:DA:H8	6	1.38
(1,9)	1:A:19:ALA:O	2:X:11:DA:N1	6	1.38
(1,9)	1:A:19:ALA:O	2:X:11:DA:N3	6	1.38
(1,9)	1:A:19:ALA:O	2:X:11:DA:N6	6	1.38
(1,9)	1:A:19:ALA:O	2:X:11:DA:N7	6	1.38
(1,9)	1:A:19:ALA:O	2:X:11:DA:N9	6	1.38
(1,9)	1:A:19:ALA:O	2:X:11:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:11:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:11:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:11:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:O	2:X:11:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:O	2:X:11:DA:P	6	1.38
(1,9)	1:A:19:ALA:O	2:X:12:DG:C1'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:12:DG:C2	6	1.38
(1,9)	1:A:19:ALA:O	2:X:12:DG:C2'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:12:DG:C3'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:12:DG:C4	6	1.38
(1,9)	1:A:19:ALA:O	2:X:12:DG:C4'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:12:DG:C5	6	1.38
(1,9)	1:A:19:ALA:O	2:X:12:DG:C5'	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:O	2:X:12:DG:C6	6	1.38
(1,9)	1:A:19:ALA:O	2:X:12:DG:C8	6	1.38
(1,9)	1:A:19:ALA:O	2:X:12:DG:H1	6	1.38
(1,9)	1:A:19:ALA:O	2:X:12:DG:H1'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:12:DG:H2'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:12:DG:H2''	6	1.38
(1,9)	1:A:19:ALA:O	2:X:12:DG:H21	6	1.38
(1,9)	1:A:19:ALA:O	2:X:12:DG:H22	6	1.38
(1,9)	1:A:19:ALA:O	2:X:12:DG:H3'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:12:DG:H4'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:12:DG:H5'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:12:DG:H5''	6	1.38
(1,9)	1:A:19:ALA:O	2:X:12:DG:H8	6	1.38
(1,9)	1:A:19:ALA:O	2:X:12:DG:N1	6	1.38
(1,9)	1:A:19:ALA:O	2:X:12:DG:N2	6	1.38
(1,9)	1:A:19:ALA:O	2:X:12:DG:N3	6	1.38
(1,9)	1:A:19:ALA:O	2:X:12:DG:N7	6	1.38
(1,9)	1:A:19:ALA:O	2:X:12:DG:N9	6	1.38
(1,9)	1:A:19:ALA:O	2:X:12:DG:O3'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:12:DG:O4'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:12:DG:O5'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:12:DG:O6	6	1.38
(1,9)	1:A:19:ALA:O	2:X:12:DG:OP1	6	1.38
(1,9)	1:A:19:ALA:O	2:X:12:DG:OP2	6	1.38
(1,9)	1:A:19:ALA:O	2:X:12:DG:P	6	1.38
(1,9)	1:A:19:ALA:O	2:X:13:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:13:DT:C2	6	1.38
(1,9)	1:A:19:ALA:O	2:X:13:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:13:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:13:DT:C4	6	1.38
(1,9)	1:A:19:ALA:O	2:X:13:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:13:DT:C5	6	1.38
(1,9)	1:A:19:ALA:O	2:X:13:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:13:DT:C6	6	1.38
(1,9)	1:A:19:ALA:O	2:X:13:DT:C7	6	1.38
(1,9)	1:A:19:ALA:O	2:X:13:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:13:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:13:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:O	2:X:13:DT:H3	6	1.38
(1,9)	1:A:19:ALA:O	2:X:13:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:13:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:13:DT:H5'	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:O	2:X:13:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:O	2:X:13:DT:H6	6	1.38
(1,9)	1:A:19:ALA:O	2:X:13:DT:H71	6	1.38
(1,9)	1:A:19:ALA:O	2:X:13:DT:H72	6	1.38
(1,9)	1:A:19:ALA:O	2:X:13:DT:H73	6	1.38
(1,9)	1:A:19:ALA:O	2:X:13:DT:N1	6	1.38
(1,9)	1:A:19:ALA:O	2:X:13:DT:N3	6	1.38
(1,9)	1:A:19:ALA:O	2:X:13:DT:O2	6	1.38
(1,9)	1:A:19:ALA:O	2:X:13:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:13:DT:O4	6	1.38
(1,9)	1:A:19:ALA:O	2:X:13:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:13:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:O	2:X:13:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:O	2:X:13:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:O	2:X:13:DT:P	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:3:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:3:DA:C2	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:3:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:3:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:3:DA:C4	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:3:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:3:DA:C5	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:3:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:3:DA:C6	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:3:DA:C8	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:3:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:3:DA:H2	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:3:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:3:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:3:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:3:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:3:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:3:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:3:DA:H61	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:3:DA:H62	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:3:DA:H8	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:3:DA:N1	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:3:DA:N3	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:3:DA:N6	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:3:DA:N7	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:3:DA:N9	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:3:DA:O3'	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:O	3:Y:3:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:3:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:3:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:3:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:3:DA:P	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:4:DC:C1'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:4:DC:C2	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:4:DC:C2'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:4:DC:C3'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:4:DC:C4	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:4:DC:C4'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:4:DC:C5	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:4:DC:C5'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:4:DC:C6	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:4:DC:H1'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:4:DC:H2'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:4:DC:H2''	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:4:DC:H3'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:4:DC:H4'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:4:DC:H41	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:4:DC:H42	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:4:DC:H5	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:4:DC:H5'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:4:DC:H5''	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:4:DC:H6	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:4:DC:N1	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:4:DC:N3	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:4:DC:N4	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:4:DC:O2	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:4:DC:O3'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:4:DC:O4'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:4:DC:O5'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:4:DC:OP1	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:4:DC:OP2	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:4:DC:P	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:5:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:5:DT:C2	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:5:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:5:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:5:DT:C4	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:5:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:5:DT:C5	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:O	3:Y:5:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:5:DT:C6	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:5:DT:C7	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:5:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:5:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:5:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:5:DT:H3	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:5:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:5:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:5:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:5:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:5:DT:H6	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:5:DT:H71	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:5:DT:H72	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:5:DT:H73	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:5:DT:N1	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:5:DT:N3	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:5:DT:O2	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:5:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:5:DT:O4	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:5:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:5:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:5:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:5:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:5:DT:P	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:6:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:6:DA:C2	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:6:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:6:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:6:DA:C4	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:6:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:6:DA:C5	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:6:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:6:DA:C6	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:6:DA:C8	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:6:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:6:DA:H2	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:6:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:6:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:6:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:6:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:6:DA:H5'	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:O	3:Y:6:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:6:DA:H61	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:6:DA:H62	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:6:DA:H8	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:6:DA:N1	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:6:DA:N3	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:6:DA:N6	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:6:DA:N7	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:6:DA:N9	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:6:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:6:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:6:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:6:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:6:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:6:DA:P	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:7:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:7:DT:C2	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:7:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:7:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:7:DT:C4	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:7:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:7:DT:C5	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:7:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:7:DT:C6	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:7:DT:C7	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:7:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:7:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:7:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:7:DT:H3	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:7:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:7:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:7:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:7:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:7:DT:H6	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:7:DT:H71	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:7:DT:H72	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:7:DT:H73	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:7:DT:N1	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:7:DT:N3	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:7:DT:O2	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:7:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:7:DT:O4	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:O	3:Y:7:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:7:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:7:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:7:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:7:DT:P	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:8:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:8:DA:C2	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:8:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:8:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:8:DA:C4	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:8:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:8:DA:C5	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:8:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:8:DA:C6	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:8:DA:C8	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:8:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:8:DA:H2	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:8:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:8:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:8:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:8:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:8:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:8:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:8:DA:H61	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:8:DA:H62	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:8:DA:H8	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:8:DA:N1	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:8:DA:N3	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:8:DA:N6	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:8:DA:N7	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:8:DA:N9	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:8:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:8:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:8:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:8:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:8:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:8:DA:P	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:9:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:9:DT:C2	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:9:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:9:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:9:DT:C4	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:O	3:Y:9:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:9:DT:C5	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:9:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:9:DT:C6	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:9:DT:C7	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:9:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:9:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:9:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:9:DT:H3	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:9:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:9:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:9:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:9:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:9:DT:H6	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:9:DT:H71	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:9:DT:H72	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:9:DT:H73	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:9:DT:N1	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:9:DT:N3	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:9:DT:O2	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:9:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:9:DT:O4	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:9:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:9:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:9:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:9:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:9:DT:P	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:10:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:10:DA:C2	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:10:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:10:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:10:DA:C4	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:10:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:10:DA:C5	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:10:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:10:DA:C6	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:10:DA:C8	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:10:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:10:DA:H2	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:10:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:10:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:10:DA:H3'	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:O	3:Y:10:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:10:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:10:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:10:DA:H61	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:10:DA:H62	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:10:DA:H8	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:10:DA:N1	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:10:DA:N3	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:10:DA:N6	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:10:DA:N7	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:10:DA:N9	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:10:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:10:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:10:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:10:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:10:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:10:DA:P	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:11:DT:C1'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:11:DT:C2	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:11:DT:C2'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:11:DT:C3'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:11:DT:C4	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:11:DT:C4'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:11:DT:C5	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:11:DT:C5'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:11:DT:C6	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:11:DT:C7	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:11:DT:H1'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:11:DT:H2'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:11:DT:H2''	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:11:DT:H3	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:11:DT:H3'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:11:DT:H4'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:11:DT:H5'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:11:DT:H5''	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:11:DT:H6	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:11:DT:H71	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:11:DT:H72	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:11:DT:H73	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:11:DT:N1	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:11:DT:N3	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:11:DT:O2	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:O	3:Y:11:DT:O3'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:11:DT:O4	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:11:DT:O4'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:11:DT:O5'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:11:DT:OP1	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:11:DT:OP2	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:11:DT:P	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:12:DC:C1'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:12:DC:C2	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:12:DC:C2'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:12:DC:C3'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:12:DC:C4	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:12:DC:C4'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:12:DC:C5	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:12:DC:C5'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:12:DC:C6	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:12:DC:H1'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:12:DC:H2'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:12:DC:H2''	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:12:DC:H3'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:12:DC:H4'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:12:DC:H41	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:12:DC:H42	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:12:DC:H5	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:12:DC:H5'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:12:DC:H5''	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:12:DC:H6	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:12:DC:N1	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:12:DC:N3	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:12:DC:N4	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:12:DC:O2	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:12:DC:O3'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:12:DC:O4'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:12:DC:O5'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:12:DC:OP1	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:12:DC:OP2	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:12:DC:P	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:13:DA:C1'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:13:DA:C2	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:13:DA:C2'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:13:DA:C3'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:13:DA:C4	6	1.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,9)	1:A:19:ALA:O	3:Y:13:DA:C4'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:13:DA:C5	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:13:DA:C5'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:13:DA:C6	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:13:DA:C8	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:13:DA:H1'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:13:DA:H2	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:13:DA:H2'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:13:DA:H2''	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:13:DA:H3'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:13:DA:H4'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:13:DA:H5'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:13:DA:H5''	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:13:DA:H61	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:13:DA:H62	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:13:DA:H8	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:13:DA:N1	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:13:DA:N3	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:13:DA:N6	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:13:DA:N7	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:13:DA:N9	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:13:DA:O3'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:13:DA:O4'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:13:DA:O5'	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:13:DA:OP1	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:13:DA:OP2	6	1.38
(1,9)	1:A:19:ALA:O	3:Y:13:DA:P	6	1.38
(1,26)	2:X:10:DT:C1'	1:A:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:7:LYS:CB	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C1 [?]	1:A:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:9:TRP:NE1	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C1'	1:A:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:12:SER:C	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:12:SER:H	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:12:SER:N	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:12:SER:O	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:C1'	1:A:16:ARG:O	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C1 [?]	1:A:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:20:THR:C	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:20:THR:H	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:20:THR:N	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:20:THR:O	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:A:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:7:LYS:HZ1	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C1'	1:B:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:10:GLY:N	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C1 [?]	1:B:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:12:SER:C	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:12:SER:H	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:12:SER:N	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:12:SER:O	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:C1 [?]	1:B:18:PRO:CG	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C1'	1:B:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:20:THR:C	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:20:THR:H	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:20:THR:N	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:20:THR:O	6	1.32
(1,26)	2:X:10:DT:C1'	1:B:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:C2	1:A:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:C2	1:A:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:C2	1:A:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:C2	1:A:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:C2	1:A:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:C2	1:A:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:C2	1:A:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:C2	1:A:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:C2	1:A:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:C2	1:A:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:C2	1:A:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:C2	1:A:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:C2	1:A:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:C2	1:A:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:C2	1:A:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:C2	1:A:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:C2	1:A:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:C2	1:A:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:C2	1:A:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:C2	1:A:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:C2	1:A:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:C2	1:A:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:C2	1:A:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:C2	1:A:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:C2	1:A:7:LYS:O	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C2	1:A:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:C2	1:A:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:C2	1:A:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:C2	1:A:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:C2	1:A:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:C2	1:A:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:C2	1:A:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:C2	1:A:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:C2	1:A:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:C2	1:A:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:C2	1:A:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:C2	1:A:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:C2	1:A:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:C2	1:A:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:C2	1:A:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:C2	1:A:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:C2	1:A:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:C2	1:A:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:C2	1:A:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:C2	1:A:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:C2	1:A:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:C2	1:A:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:C2	1:A:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:C2	1:A:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:C2	1:A:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:C2	1:A:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:C2	1:A:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:C2	1:A:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:C2	1:A:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:C2	1:A:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:C2	1:A:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:C2	1:A:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:C2	1:A:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:C2	1:A:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:C2	1:A:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:C2	1:A:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:C2	1:A:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:C2	1:A:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:C2	1:A:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:C2	1:A:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:C2	1:A:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:C2	1:A:11:ASN:CG	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C2	1:A:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:C2	1:A:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:C2	1:A:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:C2	1:A:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:C2	1:A:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:C2	1:A:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:C2	1:A:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:C2	1:A:12:SER:C	6	1.32
(1,26)	2:X:10:DT:C2	1:A:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:C2	1:A:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:C2	1:A:12:SER:H	6	1.32
(1,26)	2:X:10:DT:C2	1:A:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:C2	1:A:12:SER:N	6	1.32
(1,26)	2:X:10:DT:C2	1:A:12:SER:O	6	1.32
(1,26)	2:X:10:DT:C2	1:A:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:C2	1:A:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:C2	1:A:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:C2	1:A:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:C2	1:A:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:C2	1:A:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:C2	1:A:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:C2	1:A:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:C2	1:A:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:C2	1:A:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:C2	1:A:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:C2	1:A:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:C2	1:A:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:C2	1:A:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:C2	1:A:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:C2	1:A:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:C2	1:A:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:C2	1:A:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:C2	1:A:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:C2	1:A:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:C2	1:A:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:C2	1:A:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:C2	1:A:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:C2	1:A:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:C2	1:A:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:C2	1:A:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:C2	1:A:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:C2	1:A:19:ALA:CB	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C2	1:A:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:C2	1:A:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:C2	1:A:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:C2	1:A:20:THR:C	6	1.32
(1,26)	2:X:10:DT:C2	1:A:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:C2	1:A:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:C2	1:A:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:C2	1:A:20:THR:H	6	1.32
(1,26)	2:X:10:DT:C2	1:A:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:C2	1:A:20:THR:N	6	1.32
(1,26)	2:X:10:DT:C2	1:A:20:THR:O	6	1.32
(1,26)	2:X:10:DT:C2	1:A:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:C2	1:B:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:C2	1:B:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:C2	1:B:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:C2	1:B:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:C2	1:B:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:C2	1:B:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:C2	1:B:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:C2	1:B:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:C2	1:B:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:C2	1:B:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:C2	1:B:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:C2	1:B:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:C2	1:B:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:C2	1:B:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:C2	1:B:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:C2	1:B:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:C2	1:B:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:C2	1:B:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:C2	1:B:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:C2	1:B:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:C2	1:B:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:C2	1:B:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:C2	1:B:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:C2	1:B:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:C2	1:B:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:C2	1:B:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:C2	1:B:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:C2	1:B:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:C2	1:B:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:C2	1:B:8:ARG:CG	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C2	1:B:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:C2	1:B:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:C2	1:B:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:C2	1:B:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:C2	1:B:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:C2	1:B:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:C2	1:B:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:C2	1:B:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:C2	1:B:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:C2	1:B:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:C2	1:B:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:C2	1:B:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:C2	1:B:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:C2	1:B:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:C2	1:B:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:C2	1:B:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:C2	1:B:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:C2	1:B:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:C2	1:B:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:C2	1:B:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:C2	1:B:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:C2	1:B:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:C2	1:B:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:C2	1:B:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:C2	1:B:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:C2	1:B:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:C2	1:B:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:C2	1:B:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:C2	1:B:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:C2	1:B:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:C2	1:B:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:C2	1:B:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:C2	1:B:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:C2	1:B:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:C2	1:B:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:C2	1:B:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:C2	1:B:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:C2	1:B:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:C2	1:B:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:C2	1:B:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:C2	1:B:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:C2	1:B:11:ASN:ND2	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C2	1:B:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:C2	1:B:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:C2	1:B:12:SER:C	6	1.32
(1,26)	2:X:10:DT:C2	1:B:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:C2	1:B:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:C2	1:B:12:SER:H	6	1.32
(1,26)	2:X:10:DT:C2	1:B:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:C2	1:B:12:SER:N	6	1.32
(1,26)	2:X:10:DT:C2	1:B:12:SER:O	6	1.32
(1,26)	2:X:10:DT:C2	1:B:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:C2	1:B:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:C2	1:B:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:C2	1:B:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:C2	1:B:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:C2	1:B:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:C2	1:B:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:C2	1:B:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:C2	1:B:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:C2	1:B:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:C2	1:B:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:C2	1:B:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:C2	1:B:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:C2	1:B:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:C2	1:B:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:C2	1:B:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:C2	1:B:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:C2	1:B:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:C2	1:B:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:C2	1:B:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:C2	1:B:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:C2	1:B:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:C2	1:B:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:C2	1:B:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:C2	1:B:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:C2	1:B:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:C2	1:B:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:C2	1:B:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:C2	1:B:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:C2	1:B:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:C2	1:B:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:C2	1:B:20:THR:C	6	1.32
(1,26)	2:X:10:DT:C2	1:B:20:THR:CA	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C2	1:B:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:C2	1:B:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:C2	1:B:20:THR:H	6	1.32
(1,26)	2:X:10:DT:C2	1:B:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:C2	1:B:20:THR:N	6	1.32
(1,26)	2:X:10:DT:C2	1:B:20:THR:O	6	1.32
(1,26)	2:X:10:DT:C2	1:B:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:C2 [?]	1:A:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:C2 [?]	1:A:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:C2 [?]	1:A:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:C2 [?]	1:A:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:C2 [?]	1:A:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:C2 [?]	1:A:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:C2 [?]	1:A:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:C2 [?]	1:A:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:C2 [?]	1:A:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:C2 [?]	1:A:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:C2 [?]	1:A:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:C2 [?]	1:A:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:C2 [?]	1:A:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:C2 [?]	1:A:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:C2 [?]	1:A:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:C2 [?]	1:A:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:C2 [?]	1:A:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:C2 [?]	1:A:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:C2 [?]	1:A:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:C2 [?]	1:A:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:C2 [?]	1:A:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:C2 [?]	1:A:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:C2 [?]	1:A:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:C2 [?]	1:A:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:C2 [?]	1:A:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:C2 [?]	1:A:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:C2 [?]	1:A:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:C2 [?]	1:A:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:C2 [?]	1:A:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:C2 [?]	1:A:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:C2 [?]	1:A:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:C2 [?]	1:A:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:C2 [?]	1:A:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:C2 [?]	1:A:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:C2 [?]	1:A:8:ARG:HH12	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C2'	1:A:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:12:SER:C	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:12:SER:CB	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C2'	1:A:12:SER:H	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:12:SER:N	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:12:SER:O	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:20:THR:C	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:20:THR:H	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:20:THR:N	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C2'	1:A:20:THR:O	6	1.32
(1,26)	2:X:10:DT:C2'	1:A:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:8:ARG:NH1	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C2'	1:B:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:12:SER:C	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:12:SER:H	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:12:SER:N	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:12:SER:O	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:12:SER:OG	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C2'	1:B:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:20:THR:C	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:20:THR:H	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:20:THR:N	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:20:THR:O	6	1.32
(1,26)	2:X:10:DT:C2'	1:B:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:C3'	1:A:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:C3'	1:A:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:C3'	1:A:3:HIS:CB	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C3'	1:A:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:C3'	1:A:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:C3'	1:A:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:C3'	1:A:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:C3'	1:A:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:C3'	1:A:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:C3'	1:A:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:C3'	1:A:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:C3'	1:A:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:C3'	1:A:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:C3'	1:A:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:C3'	1:A:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:C3'	1:A:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:C3'	1:A:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:C3'	1:A:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:C3'	1:A:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:C3'	1:A:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:C3'	1:A:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:C3'	1:A:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:C3'	1:A:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:C3'	1:A:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:C3'	1:A:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:C3'	1:A:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:C3'	1:A:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:C3'	1:A:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:C3'	1:A:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:C3'	1:A:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:C3'	1:A:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:C3'	1:A:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:C3'	1:A:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:C3'	1:A:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:C3'	1:A:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:C3'	1:A:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:C3'	1:A:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:C3'	1:A:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:C3'	1:A:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:C3'	1:A:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:C3'	1:A:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:C3'	1:A:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:C3'	1:A:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:C3'	1:A:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:C3'	1:A:9:TRP:CB	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C3 ³	1:A:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:12:SER:C	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:12:SER:H	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:12:SER:N	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:12:SER:O	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:16:ARG:CG	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C3 ³	1:A:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:20:THR:C	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:20:THR:H	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:20:THR:N	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:20:THR:O	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:A:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:B:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:B:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:B:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:B:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:B:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:B:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:B:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:C3 ³	1:B:3:HIS:HD1	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C3'	1:B:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:9:TRP:CG	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C3 ⁷	1:B:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:C3 ⁷	1:B:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:C3 ⁷	1:B:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:C3 ⁷	1:B:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:C3 ⁷	1:B:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:C3 ⁷	1:B:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:C3 ⁷	1:B:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:C3 ⁷	1:B:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:C3 ⁷	1:B:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:C3 ⁷	1:B:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:C3 ⁷	1:B:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:C3 ⁷	1:B:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:C3 ⁷	1:B:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:C3 ⁷	1:B:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:C3 ⁷	1:B:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:C3 ⁷	1:B:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:C3 ⁷	1:B:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:C3 ⁷	1:B:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:C3 ⁷	1:B:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:C3 ⁷	1:B:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:C3 ⁷	1:B:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:C3 ⁷	1:B:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:C3 ⁷	1:B:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:C3 ⁷	1:B:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:C3 ⁷	1:B:12:SER:C	6	1.32
(1,26)	2:X:10:DT:C3 ⁷	1:B:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:C3 ⁷	1:B:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:C3 ⁷	1:B:12:SER:H	6	1.32
(1,26)	2:X:10:DT:C3 ⁷	1:B:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:C3 ⁷	1:B:12:SER:N	6	1.32
(1,26)	2:X:10:DT:C3 ⁷	1:B:12:SER:O	6	1.32
(1,26)	2:X:10:DT:C3 ⁷	1:B:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:C3 ⁷	1:B:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:C3 ⁷	1:B:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:C3 ⁷	1:B:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:C3 ⁷	1:B:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:C3 ⁷	1:B:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:C3 ⁷	1:B:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:C3 ⁷	1:B:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:C3 ⁷	1:B:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:C3 ⁷	1:B:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:C3 ⁷	1:B:16:ARG:HH12	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C3'	1:B:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:20:THR:C	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:20:THR:H	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:20:THR:N	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:20:THR:O	6	1.32
(1,26)	2:X:10:DT:C3'	1:B:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:C4	1:A:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:C4	1:A:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:C4	1:A:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:C4	1:A:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:C4	1:A:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:C4	1:A:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:C4	1:A:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:C4	1:A:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:C4	1:A:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:C4	1:A:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:C4	1:A:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:C4	1:A:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:C4	1:A:7:LYS:C	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C4	1:A:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:C4	1:A:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:C4	1:A:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:C4	1:A:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:C4	1:A:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:C4	1:A:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:C4	1:A:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:C4	1:A:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:C4	1:A:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:C4	1:A:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:C4	1:A:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:C4	1:A:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:C4	1:A:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:C4	1:A:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:C4	1:A:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:C4	1:A:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:C4	1:A:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:C4	1:A:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:C4	1:A:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:C4	1:A:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:C4	1:A:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:C4	1:A:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:C4	1:A:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:C4	1:A:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:C4	1:A:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:C4	1:A:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:C4	1:A:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:C4	1:A:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:C4	1:A:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:C4	1:A:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:C4	1:A:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:C4	1:A:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:C4	1:A:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:C4	1:A:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:C4	1:A:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:C4	1:A:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:C4	1:A:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:C4	1:A:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:C4	1:A:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:C4	1:A:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:C4	1:A:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:C4	1:A:9:TRP:HE1	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C4	1:A:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:C4	1:A:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:C4	1:A:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:C4	1:A:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:C4	1:A:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:C4	1:A:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:C4	1:A:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:C4	1:A:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:C4	1:A:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:C4	1:A:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:C4	1:A:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:C4	1:A:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:C4	1:A:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:C4	1:A:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:C4	1:A:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:C4	1:A:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:C4	1:A:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:C4	1:A:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:C4	1:A:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:C4	1:A:12:SER:C	6	1.32
(1,26)	2:X:10:DT:C4	1:A:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:C4	1:A:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:C4	1:A:12:SER:H	6	1.32
(1,26)	2:X:10:DT:C4	1:A:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:C4	1:A:12:SER:N	6	1.32
(1,26)	2:X:10:DT:C4	1:A:12:SER:O	6	1.32
(1,26)	2:X:10:DT:C4	1:A:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:C4	1:A:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:C4	1:A:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:C4	1:A:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:C4	1:A:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:C4	1:A:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:C4	1:A:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:C4	1:A:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:C4	1:A:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:C4	1:A:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:C4	1:A:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:C4	1:A:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:C4	1:A:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:C4	1:A:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:C4	1:A:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:C4	1:A:16:ARG:NH1	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C4	1:A:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:C4	1:A:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:C4	1:A:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:C4	1:A:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:C4	1:A:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:C4	1:A:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:C4	1:A:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:C4	1:A:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:C4	1:A:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:C4	1:A:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:C4	1:A:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:C4	1:A:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:C4	1:A:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:C4	1:A:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:C4	1:A:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:C4	1:A:20:THR:C	6	1.32
(1,26)	2:X:10:DT:C4	1:A:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:C4	1:A:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:C4	1:A:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:C4	1:A:20:THR:H	6	1.32
(1,26)	2:X:10:DT:C4	1:A:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:C4	1:A:20:THR:N	6	1.32
(1,26)	2:X:10:DT:C4	1:A:20:THR:O	6	1.32
(1,26)	2:X:10:DT:C4	1:A:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:C4	1:B:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:C4	1:B:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:C4	1:B:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:C4	1:B:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:C4	1:B:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:C4	1:B:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:C4	1:B:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:C4	1:B:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:C4	1:B:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:C4	1:B:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:C4	1:B:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:C4	1:B:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:C4	1:B:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:C4	1:B:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:C4	1:B:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:C4	1:B:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:C4	1:B:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:C4	1:B:7:LYS:CG	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C4	1:B:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:C4	1:B:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:C4	1:B:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:C4	1:B:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:C4	1:B:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:C4	1:B:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:C4	1:B:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:C4	1:B:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:C4	1:B:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:C4	1:B:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:C4	1:B:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:C4	1:B:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:C4	1:B:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:C4	1:B:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:C4	1:B:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:C4	1:B:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:C4	1:B:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:C4	1:B:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:C4	1:B:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:C4	1:B:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:C4	1:B:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:C4	1:B:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:C4	1:B:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:C4	1:B:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:C4	1:B:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:C4	1:B:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:C4	1:B:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:C4	1:B:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:C4	1:B:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:C4	1:B:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:C4	1:B:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:C4	1:B:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:C4	1:B:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:C4	1:B:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:C4	1:B:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:C4	1:B:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:C4	1:B:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:C4	1:B:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:C4	1:B:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:C4	1:B:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:C4	1:B:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:C4	1:B:10:GLY:CA	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C4	1:B:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:C4	1:B:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:C4	1:B:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:C4	1:B:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:C4	1:B:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:C4	1:B:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:C4	1:B:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:C4	1:B:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:C4	1:B:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:C4	1:B:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:C4	1:B:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:C4	1:B:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:C4	1:B:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:C4	1:B:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:C4	1:B:12:SER:C	6	1.32
(1,26)	2:X:10:DT:C4	1:B:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:C4	1:B:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:C4	1:B:12:SER:H	6	1.32
(1,26)	2:X:10:DT:C4	1:B:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:C4	1:B:12:SER:N	6	1.32
(1,26)	2:X:10:DT:C4	1:B:12:SER:O	6	1.32
(1,26)	2:X:10:DT:C4	1:B:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:C4	1:B:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:C4	1:B:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:C4	1:B:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:C4	1:B:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:C4	1:B:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:C4	1:B:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:C4	1:B:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:C4	1:B:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:C4	1:B:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:C4	1:B:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:C4	1:B:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:C4	1:B:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:C4	1:B:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:C4	1:B:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:C4	1:B:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:C4	1:B:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:C4	1:B:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:C4	1:B:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:C4	1:B:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:C4	1:B:18:PRO:CB	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C4	1:B:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:C4	1:B:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:C4	1:B:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:C4	1:B:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:C4	1:B:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:C4	1:B:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:C4	1:B:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:C4	1:B:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:C4	1:B:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:C4	1:B:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:C4	1:B:20:THR:C	6	1.32
(1,26)	2:X:10:DT:C4	1:B:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:C4	1:B:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:C4	1:B:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:C4	1:B:20:THR:H	6	1.32
(1,26)	2:X:10:DT:C4	1:B:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:C4	1:B:20:THR:N	6	1.32
(1,26)	2:X:10:DT:C4	1:B:20:THR:O	6	1.32
(1,26)	2:X:10:DT:C4	1:B:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:C4 [?]	1:A:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:C4 [?]	1:A:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:C4 [?]	1:A:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:C4 [?]	1:A:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:C4 [?]	1:A:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:C4 [?]	1:A:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:C4 [?]	1:A:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:C4 [?]	1:A:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:C4 [?]	1:A:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:C4 [?]	1:A:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:C4 [?]	1:A:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:C4 [?]	1:A:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:C4 [?]	1:A:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:C4 [?]	1:A:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:C4 [?]	1:A:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:C4 [?]	1:A:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:C4 [?]	1:A:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:C4 [?]	1:A:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:C4 [?]	1:A:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:C4 [?]	1:A:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:C4 [?]	1:A:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:C4 [?]	1:A:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:C4 [?]	1:A:7:LYS:N	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C4'	1:A:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:11:ASN:CA	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C4'	1:A:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:12:SER:C	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:12:SER:H	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:12:SER:N	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:12:SER:O	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:19:ALA:C	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C4'	1:A:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:20:THR:C	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:20:THR:H	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:20:THR:N	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:20:THR:O	6	1.32
(1,26)	2:X:10:DT:C4'	1:A:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:8:ARG:CB	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C4'	1:B:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:11:ASN:HD22	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C4'	1:B:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:12:SER:C	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:12:SER:H	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:12:SER:N	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:12:SER:O	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:19:ALA:O	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C4'	1:B:20:THR:C	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:20:THR:H	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:20:THR:N	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:20:THR:O	6	1.32
(1,26)	2:X:10:DT:C4'	1:B:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:C5	1:A:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:C5	1:A:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:C5	1:A:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:C5	1:A:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:C5	1:A:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:C5	1:A:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:C5	1:A:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:C5	1:A:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:C5	1:A:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:C5	1:A:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:C5	1:A:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:C5	1:A:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:C5	1:A:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:C5	1:A:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:C5	1:A:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:C5	1:A:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:C5	1:A:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:C5	1:A:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:C5	1:A:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:C5	1:A:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:C5	1:A:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:C5	1:A:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:C5	1:A:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:C5	1:A:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:C5	1:A:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:C5	1:A:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:C5	1:A:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:C5	1:A:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:C5	1:A:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:C5	1:A:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:C5	1:A:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:C5	1:A:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:C5	1:A:8:ARG:HE	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C5	1:A:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:C5	1:A:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:C5	1:A:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:C5	1:A:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:C5	1:A:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:C5	1:A:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:C5	1:A:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:C5	1:A:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:C5	1:A:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:C5	1:A:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:C5	1:A:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:C5	1:A:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:C5	1:A:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:C5	1:A:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:C5	1:A:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:C5	1:A:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:C5	1:A:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:C5	1:A:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:C5	1:A:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:C5	1:A:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:C5	1:A:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:C5	1:A:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:C5	1:A:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:C5	1:A:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:C5	1:A:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:C5	1:A:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:C5	1:A:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:C5	1:A:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:C5	1:A:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:C5	1:A:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:C5	1:A:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:C5	1:A:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:C5	1:A:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:C5	1:A:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:C5	1:A:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:C5	1:A:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:C5	1:A:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:C5	1:A:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:C5	1:A:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:C5	1:A:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:C5	1:A:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:C5	1:A:12:SER:C	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C5	1:A:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:C5	1:A:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:C5	1:A:12:SER:H	6	1.32
(1,26)	2:X:10:DT:C5	1:A:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:C5	1:A:12:SER:N	6	1.32
(1,26)	2:X:10:DT:C5	1:A:12:SER:O	6	1.32
(1,26)	2:X:10:DT:C5	1:A:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:C5	1:A:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:C5	1:A:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:C5	1:A:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:C5	1:A:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:C5	1:A:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:C5	1:A:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:C5	1:A:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:C5	1:A:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:C5	1:A:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:C5	1:A:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:C5	1:A:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:C5	1:A:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:C5	1:A:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:C5	1:A:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:C5	1:A:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:C5	1:A:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:C5	1:A:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:C5	1:A:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:C5	1:A:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:C5	1:A:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:C5	1:A:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:C5	1:A:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:C5	1:A:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:C5	1:A:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:C5	1:A:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:C5	1:A:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:C5	1:A:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:C5	1:A:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:C5	1:A:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:C5	1:A:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:C5	1:A:20:THR:C	6	1.32
(1,26)	2:X:10:DT:C5	1:A:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:C5	1:A:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:C5	1:A:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:C5	1:A:20:THR:H	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C5	1:A:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:C5	1:A:20:THR:N	6	1.32
(1,26)	2:X:10:DT:C5	1:A:20:THR:O	6	1.32
(1,26)	2:X:10:DT:C5	1:A:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:C5	1:B:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:C5	1:B:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:C5	1:B:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:C5	1:B:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:C5	1:B:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:C5	1:B:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:C5	1:B:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:C5	1:B:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:C5	1:B:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:C5	1:B:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:C5	1:B:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:C5	1:B:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:C5	1:B:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:C5	1:B:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:C5	1:B:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:C5	1:B:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:C5	1:B:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:C5	1:B:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:C5	1:B:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:C5	1:B:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:C5	1:B:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:C5	1:B:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:C5	1:B:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:C5	1:B:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:C5	1:B:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:C5	1:B:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:C5	1:B:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:C5	1:B:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:C5	1:B:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:C5	1:B:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:C5	1:B:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:C5	1:B:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:C5	1:B:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:C5	1:B:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:C5	1:B:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:C5	1:B:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:C5	1:B:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:C5	1:B:8:ARG:N	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C5	1:B:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:C5	1:B:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:C5	1:B:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:C5	1:B:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:C5	1:B:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:C5	1:B:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:C5	1:B:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:C5	1:B:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:C5	1:B:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:C5	1:B:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:C5	1:B:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:C5	1:B:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:C5	1:B:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:C5	1:B:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:C5	1:B:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:C5	1:B:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:C5	1:B:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:C5	1:B:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:C5	1:B:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:C5	1:B:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:C5	1:B:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:C5	1:B:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:C5	1:B:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:C5	1:B:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:C5	1:B:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:C5	1:B:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:C5	1:B:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:C5	1:B:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:C5	1:B:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:C5	1:B:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:C5	1:B:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:C5	1:B:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:C5	1:B:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:C5	1:B:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:C5	1:B:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:C5	1:B:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:C5	1:B:12:SER:C	6	1.32
(1,26)	2:X:10:DT:C5	1:B:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:C5	1:B:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:C5	1:B:12:SER:H	6	1.32
(1,26)	2:X:10:DT:C5	1:B:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:C5	1:B:12:SER:N	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C5	1:B:12:SER:O	6	1.32
(1,26)	2:X:10:DT:C5	1:B:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:C5	1:B:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:C5	1:B:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:C5	1:B:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:C5	1:B:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:C5	1:B:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:C5	1:B:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:C5	1:B:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:C5	1:B:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:C5	1:B:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:C5	1:B:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:C5	1:B:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:C5	1:B:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:C5	1:B:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:C5	1:B:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:C5	1:B:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:C5	1:B:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:C5	1:B:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:C5	1:B:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:C5	1:B:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:C5	1:B:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:C5	1:B:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:C5	1:B:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:C5	1:B:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:C5	1:B:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:C5	1:B:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:C5	1:B:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:C5	1:B:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:C5	1:B:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:C5	1:B:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:C5	1:B:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:C5	1:B:20:THR:C	6	1.32
(1,26)	2:X:10:DT:C5	1:B:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:C5	1:B:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:C5	1:B:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:C5	1:B:20:THR:H	6	1.32
(1,26)	2:X:10:DT:C5	1:B:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:C5	1:B:20:THR:N	6	1.32
(1,26)	2:X:10:DT:C5	1:B:20:THR:O	6	1.32
(1,26)	2:X:10:DT:C5	1:B:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:C5'	1:A:3:HIS:C	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C5 ⁷	1:A:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:C5 ⁷	1:A:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:C5 ⁷	1:A:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:C5 ⁷	1:A:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:C5 ⁷	1:A:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:C5 ⁷	1:A:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:C5 ⁷	1:A:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:C5 ⁷	1:A:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:C5 ⁷	1:A:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:C5 ⁷	1:A:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:C5 ⁷	1:A:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:C5 ⁷	1:A:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:C5 ⁷	1:A:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:C5 ⁷	1:A:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:C5 ⁷	1:A:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:C5 ⁷	1:A:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:C5 ⁷	1:A:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:C5 ⁷	1:A:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:C5 ⁷	1:A:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:C5 ⁷	1:A:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:C5 ⁷	1:A:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:C5 ⁷	1:A:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:C5 ⁷	1:A:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:C5 ⁷	1:A:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:C5 ⁷	1:A:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:C5 ⁷	1:A:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:C5 ⁷	1:A:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:C5 ⁷	1:A:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:C5 ⁷	1:A:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:C5 ⁷	1:A:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:C5 ⁷	1:A:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:C5 ⁷	1:A:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:C5 ⁷	1:A:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:C5 ⁷	1:A:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:C5 ⁷	1:A:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:C5 ⁷	1:A:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:C5 ⁷	1:A:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:C5 ⁷	1:A:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:C5 ⁷	1:A:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:C5 ⁷	1:A:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:C5 ⁷	1:A:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:C5 ⁷	1:A:9:TRP:C	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C5 ^γ	1:A:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:12:SER:C	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:12:SER:H	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:12:SER:N	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:12:SER:O	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:16:ARG:CB	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C5 ^γ	1:A:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:20:THR:C	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:20:THR:H	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:20:THR:N	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:20:THR:O	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:A:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:3:HIS:CG	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C5 ^γ	1:B:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:9:TRP:CE2	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C5 ^γ	1:B:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:12:SER:C	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:12:SER:H	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:12:SER:N	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:12:SER:O	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:16:ARG:HE	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C5 ^γ	1:B:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:20:THR:C	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:20:THR:H	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:20:THR:N	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:20:THR:O	6	1.32
(1,26)	2:X:10:DT:C5 ^γ	1:B:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:C6	1:A:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:C6	1:A:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:C6	1:A:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:C6	1:A:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:C6	1:A:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:C6	1:A:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:C6	1:A:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:C6	1:A:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:C6	1:A:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:C6	1:A:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:C6	1:A:3:HIS:NE2	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C6	1:A:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:C6	1:A:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:C6	1:A:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:C6	1:A:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:C6	1:A:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:C6	1:A:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:C6	1:A:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:C6	1:A:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:C6	1:A:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:C6	1:A:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:C6	1:A:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:C6	1:A:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:C6	1:A:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:C6	1:A:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:C6	1:A:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:C6	1:A:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:C6	1:A:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:C6	1:A:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:C6	1:A:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:C6	1:A:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:C6	1:A:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:C6	1:A:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:C6	1:A:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:C6	1:A:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:C6	1:A:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:C6	1:A:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:C6	1:A:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:C6	1:A:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:C6	1:A:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:C6	1:A:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:C6	1:A:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:C6	1:A:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:C6	1:A:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:C6	1:A:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:C6	1:A:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:C6	1:A:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:C6	1:A:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:C6	1:A:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:C6	1:A:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:C6	1:A:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:C6	1:A:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:C6	1:A:9:TRP:CZ3	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C6	1:A:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:C6	1:A:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:C6	1:A:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:C6	1:A:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:C6	1:A:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:C6	1:A:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:C6	1:A:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:C6	1:A:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:C6	1:A:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:C6	1:A:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:C6	1:A:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:C6	1:A:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:C6	1:A:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:C6	1:A:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:C6	1:A:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:C6	1:A:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:C6	1:A:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:C6	1:A:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:C6	1:A:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:C6	1:A:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:C6	1:A:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:C6	1:A:12:SER:C	6	1.32
(1,26)	2:X:10:DT:C6	1:A:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:C6	1:A:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:C6	1:A:12:SER:H	6	1.32
(1,26)	2:X:10:DT:C6	1:A:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:C6	1:A:12:SER:N	6	1.32
(1,26)	2:X:10:DT:C6	1:A:12:SER:O	6	1.32
(1,26)	2:X:10:DT:C6	1:A:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:C6	1:A:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:C6	1:A:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:C6	1:A:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:C6	1:A:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:C6	1:A:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:C6	1:A:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:C6	1:A:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:C6	1:A:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:C6	1:A:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:C6	1:A:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:C6	1:A:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:C6	1:A:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:C6	1:A:16:ARG:N	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C6	1:A:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:C6	1:A:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:C6	1:A:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:C6	1:A:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:C6	1:A:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:C6	1:A:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:C6	1:A:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:C6	1:A:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:C6	1:A:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:C6	1:A:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:C6	1:A:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:C6	1:A:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:C6	1:A:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:C6	1:A:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:C6	1:A:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:C6	1:A:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:C6	1:A:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:C6	1:A:20:THR:C	6	1.32
(1,26)	2:X:10:DT:C6	1:A:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:C6	1:A:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:C6	1:A:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:C6	1:A:20:THR:H	6	1.32
(1,26)	2:X:10:DT:C6	1:A:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:C6	1:A:20:THR:N	6	1.32
(1,26)	2:X:10:DT:C6	1:A:20:THR:O	6	1.32
(1,26)	2:X:10:DT:C6	1:A:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:C6	1:B:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:C6	1:B:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:C6	1:B:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:C6	1:B:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:C6	1:B:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:C6	1:B:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:C6	1:B:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:C6	1:B:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:C6	1:B:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:C6	1:B:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:C6	1:B:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:C6	1:B:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:C6	1:B:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:C6	1:B:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:C6	1:B:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:C6	1:B:7:LYS:CD	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C6	1:B:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:C6	1:B:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:C6	1:B:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:C6	1:B:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:C6	1:B:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:C6	1:B:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:C6	1:B:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:C6	1:B:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:C6	1:B:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:C6	1:B:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:C6	1:B:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:C6	1:B:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:C6	1:B:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:C6	1:B:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:C6	1:B:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:C6	1:B:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:C6	1:B:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:C6	1:B:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:C6	1:B:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:C6	1:B:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:C6	1:B:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:C6	1:B:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:C6	1:B:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:C6	1:B:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:C6	1:B:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:C6	1:B:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:C6	1:B:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:C6	1:B:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:C6	1:B:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:C6	1:B:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:C6	1:B:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:C6	1:B:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:C6	1:B:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:C6	1:B:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:C6	1:B:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:C6	1:B:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:C6	1:B:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:C6	1:B:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:C6	1:B:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:C6	1:B:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:C6	1:B:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:C6	1:B:9:TRP:O	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C6	1:B:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:C6	1:B:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:C6	1:B:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:C6	1:B:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:C6	1:B:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:C6	1:B:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:C6	1:B:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:C6	1:B:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:C6	1:B:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:C6	1:B:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:C6	1:B:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:C6	1:B:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:C6	1:B:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:C6	1:B:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:C6	1:B:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:C6	1:B:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:C6	1:B:12:SER:C	6	1.32
(1,26)	2:X:10:DT:C6	1:B:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:C6	1:B:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:C6	1:B:12:SER:H	6	1.32
(1,26)	2:X:10:DT:C6	1:B:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:C6	1:B:12:SER:N	6	1.32
(1,26)	2:X:10:DT:C6	1:B:12:SER:O	6	1.32
(1,26)	2:X:10:DT:C6	1:B:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:C6	1:B:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:C6	1:B:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:C6	1:B:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:C6	1:B:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:C6	1:B:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:C6	1:B:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:C6	1:B:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:C6	1:B:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:C6	1:B:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:C6	1:B:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:C6	1:B:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:C6	1:B:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:C6	1:B:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:C6	1:B:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:C6	1:B:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:C6	1:B:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:C6	1:B:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:C6	1:B:18:PRO:C	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C6	1:B:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:C6	1:B:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:C6	1:B:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:C6	1:B:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:C6	1:B:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:C6	1:B:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:C6	1:B:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:C6	1:B:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:C6	1:B:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:C6	1:B:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:C6	1:B:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:C6	1:B:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:C6	1:B:20:THR:C	6	1.32
(1,26)	2:X:10:DT:C6	1:B:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:C6	1:B:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:C6	1:B:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:C6	1:B:20:THR:H	6	1.32
(1,26)	2:X:10:DT:C6	1:B:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:C6	1:B:20:THR:N	6	1.32
(1,26)	2:X:10:DT:C6	1:B:20:THR:O	6	1.32
(1,26)	2:X:10:DT:C6	1:B:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:C7	1:A:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:C7	1:A:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:C7	1:A:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:C7	1:A:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:C7	1:A:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:C7	1:A:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:C7	1:A:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:C7	1:A:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:C7	1:A:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:C7	1:A:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:C7	1:A:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:C7	1:A:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:C7	1:A:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:C7	1:A:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:C7	1:A:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:C7	1:A:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:C7	1:A:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:C7	1:A:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:C7	1:A:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:C7	1:A:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:C7	1:A:7:LYS:HZ2	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C7	1:A:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:C7	1:A:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:C7	1:A:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:C7	1:A:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:C7	1:A:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:C7	1:A:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:C7	1:A:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:C7	1:A:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:C7	1:A:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:C7	1:A:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:C7	1:A:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:C7	1:A:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:C7	1:A:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:C7	1:A:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:C7	1:A:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:C7	1:A:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:C7	1:A:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:C7	1:A:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:C7	1:A:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:C7	1:A:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:C7	1:A:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:C7	1:A:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:C7	1:A:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:C7	1:A:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:C7	1:A:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:C7	1:A:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:C7	1:A:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:C7	1:A:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:C7	1:A:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:C7	1:A:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:C7	1:A:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:C7	1:A:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:C7	1:A:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:C7	1:A:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:C7	1:A:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:C7	1:A:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:C7	1:A:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:C7	1:A:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:C7	1:A:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:C7	1:A:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:C7	1:A:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:C7	1:A:10:GLY:O	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C7	1:A:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:C7	1:A:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:C7	1:A:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:C7	1:A:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:C7	1:A:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:C7	1:A:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:C7	1:A:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:C7	1:A:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:C7	1:A:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:C7	1:A:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:C7	1:A:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:C7	1:A:12:SER:C	6	1.32
(1,26)	2:X:10:DT:C7	1:A:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:C7	1:A:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:C7	1:A:12:SER:H	6	1.32
(1,26)	2:X:10:DT:C7	1:A:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:C7	1:A:12:SER:N	6	1.32
(1,26)	2:X:10:DT:C7	1:A:12:SER:O	6	1.32
(1,26)	2:X:10:DT:C7	1:A:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:C7	1:A:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:C7	1:A:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:C7	1:A:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:C7	1:A:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:C7	1:A:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:C7	1:A:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:C7	1:A:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:C7	1:A:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:C7	1:A:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:C7	1:A:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:C7	1:A:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:C7	1:A:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:C7	1:A:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:C7	1:A:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:C7	1:A:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:C7	1:A:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:C7	1:A:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:C7	1:A:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:C7	1:A:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:C7	1:A:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:C7	1:A:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:C7	1:A:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:C7	1:A:18:PRO:N	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C7	1:A:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:C7	1:A:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:C7	1:A:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:C7	1:A:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:C7	1:A:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:C7	1:A:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:C7	1:A:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:C7	1:A:20:THR:C	6	1.32
(1,26)	2:X:10:DT:C7	1:A:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:C7	1:A:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:C7	1:A:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:C7	1:A:20:THR:H	6	1.32
(1,26)	2:X:10:DT:C7	1:A:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:C7	1:A:20:THR:N	6	1.32
(1,26)	2:X:10:DT:C7	1:A:20:THR:O	6	1.32
(1,26)	2:X:10:DT:C7	1:A:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:C7	1:B:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:C7	1:B:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:C7	1:B:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:C7	1:B:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:C7	1:B:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:C7	1:B:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:C7	1:B:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:C7	1:B:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:C7	1:B:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:C7	1:B:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:C7	1:B:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:C7	1:B:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:C7	1:B:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:C7	1:B:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:C7	1:B:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:C7	1:B:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:C7	1:B:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:C7	1:B:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:C7	1:B:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:C7	1:B:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:C7	1:B:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:C7	1:B:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:C7	1:B:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:C7	1:B:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:C7	1:B:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:C7	1:B:8:ARG:C	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C7	1:B:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:C7	1:B:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:C7	1:B:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:C7	1:B:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:C7	1:B:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:C7	1:B:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:C7	1:B:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:C7	1:B:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:C7	1:B:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:C7	1:B:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:C7	1:B:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:C7	1:B:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:C7	1:B:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:C7	1:B:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:C7	1:B:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:C7	1:B:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:C7	1:B:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:C7	1:B:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:C7	1:B:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:C7	1:B:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:C7	1:B:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:C7	1:B:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:C7	1:B:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:C7	1:B:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:C7	1:B:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:C7	1:B:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:C7	1:B:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:C7	1:B:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:C7	1:B:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:C7	1:B:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:C7	1:B:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:C7	1:B:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:C7	1:B:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:C7	1:B:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:C7	1:B:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:C7	1:B:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:C7	1:B:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:C7	1:B:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:C7	1:B:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:C7	1:B:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:C7	1:B:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:C7	1:B:11:ASN:H	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C7	1:B:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:C7	1:B:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:C7	1:B:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:C7	1:B:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:C7	1:B:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:C7	1:B:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:C7	1:B:12:SER:C	6	1.32
(1,26)	2:X:10:DT:C7	1:B:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:C7	1:B:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:C7	1:B:12:SER:H	6	1.32
(1,26)	2:X:10:DT:C7	1:B:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:C7	1:B:12:SER:N	6	1.32
(1,26)	2:X:10:DT:C7	1:B:12:SER:O	6	1.32
(1,26)	2:X:10:DT:C7	1:B:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:C7	1:B:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:C7	1:B:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:C7	1:B:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:C7	1:B:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:C7	1:B:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:C7	1:B:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:C7	1:B:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:C7	1:B:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:C7	1:B:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:C7	1:B:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:C7	1:B:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:C7	1:B:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:C7	1:B:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:C7	1:B:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:C7	1:B:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:C7	1:B:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:C7	1:B:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:C7	1:B:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:C7	1:B:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:C7	1:B:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:C7	1:B:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:C7	1:B:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:C7	1:B:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:C7	1:B:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:C7	1:B:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:C7	1:B:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:C7	1:B:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:C7	1:B:19:ALA:H	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:C7	1:B:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:C7	1:B:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:C7	1:B:20:THR:C	6	1.32
(1,26)	2:X:10:DT:C7	1:B:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:C7	1:B:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:C7	1:B:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:C7	1:B:20:THR:H	6	1.32
(1,26)	2:X:10:DT:C7	1:B:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:C7	1:B:20:THR:N	6	1.32
(1,26)	2:X:10:DT:C7	1:B:20:THR:O	6	1.32
(1,26)	2:X:10:DT:C7	1:B:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:8:ARG:CZ	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H1 [?]	1:A:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:11:ASN:O	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H1 [?]	1:A:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:12:SER:C	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:12:SER:H	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:12:SER:N	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:12:SER:O	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:20:THR:C	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:20:THR:CB	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H1 [?]	1:A:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:20:THR:H	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:20:THR:N	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:20:THR:O	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:A:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:8:ARG:HH21	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H1 [?]	1:B:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:12:SER:C	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:12:SER:H	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H1 [?]	1:B:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:12:SER:N	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:12:SER:O	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:20:THR:C	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:20:THR:H	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:20:THR:N	6	1.32
(1,26)	2:X:10:DT:H1 [?]	1:B:20:THR:O	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H1 [?]	1:B:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:8:ARG:NH2	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H2 [?]	1:A:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:12:SER:C	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:12:SER:H	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:12:SER:N	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:12:SER:O	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:16:ARG:C	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H2 [?]	1:A:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:20:THR:C	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:20:THR:H	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:20:THR:N	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:20:THR:O	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:3:HIS:CD2	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H2 [?]	1:B:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:9:TRP:CD1	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H2 [?]	1:B:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:12:SER:C	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:12:SER:H	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:12:SER:N	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:12:SER:O	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:16:ARG:CZ	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H2 [?]	1:B:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:20:THR:C	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:20:THR:H	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:20:THR:N	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:20:THR:O	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:B:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:H2 [?]	1:A:3:HIS:N	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H2''	1:A:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:9:TRP:CH2	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H2''	1:A:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:12:SER:C	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:12:SER:H	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:12:SER:N	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:12:SER:O	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:16:ARG:HH21	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H2''	1:A:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:20:THR:C	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:20:THR:H	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:20:THR:N	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:20:THR:O	6	1.32
(1,26)	2:X:10:DT:H2''	1:A:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:7:LYS:CA	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H2''	1:B:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:9:TRP:N	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H2''	1:B:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:12:SER:C	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:12:SER:H	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:12:SER:N	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:12:SER:O	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:16:ARG:NH2	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H2''	1:B:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:20:THR:C	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:20:THR:H	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:20:THR:N	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:20:THR:O	6	1.32
(1,26)	2:X:10:DT:H2''	1:B:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:H3	1:A:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:H3	1:A:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:H3	1:A:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:H3	1:A:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:H3	1:A:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:H3	1:A:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:H3	1:A:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:H3	1:A:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:H3	1:A:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:H3	1:A:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:H3	1:A:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:H3	1:A:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:H3	1:A:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:H3	1:A:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:H3	1:A:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:H3	1:A:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:H3	1:A:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:H3	1:A:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:H3	1:A:7:LYS:H	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H3	1:A:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:H3	1:A:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:H3	1:A:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:H3	1:A:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:H3	1:A:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:H3	1:A:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:H3	1:A:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:H3	1:A:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:H3	1:A:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:H3	1:A:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:H3	1:A:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:H3	1:A:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:H3	1:A:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:H3	1:A:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:H3	1:A:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:H3	1:A:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:H3	1:A:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:H3	1:A:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:H3	1:A:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:H3	1:A:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:H3	1:A:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:H3	1:A:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:H3	1:A:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:H3	1:A:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:H3	1:A:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:H3	1:A:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:H3	1:A:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:H3	1:A:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:H3	1:A:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:H3	1:A:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:H3	1:A:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:H3	1:A:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:H3	1:A:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:H3	1:A:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:H3	1:A:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:H3	1:A:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:H3	1:A:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:H3	1:A:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:H3	1:A:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:H3	1:A:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:H3	1:A:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:H3	1:A:10:GLY:H	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H3	1:A:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:H3	1:A:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:H3	1:A:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:H3	1:A:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:H3	1:A:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:H3	1:A:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:H3	1:A:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:H3	1:A:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:H3	1:A:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:H3	1:A:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:H3	1:A:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:H3	1:A:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:H3	1:A:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:H3	1:A:12:SER:C	6	1.32
(1,26)	2:X:10:DT:H3	1:A:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:H3	1:A:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:H3	1:A:12:SER:H	6	1.32
(1,26)	2:X:10:DT:H3	1:A:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:H3	1:A:12:SER:N	6	1.32
(1,26)	2:X:10:DT:H3	1:A:12:SER:O	6	1.32
(1,26)	2:X:10:DT:H3	1:A:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:H3	1:A:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:H3	1:A:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:H3	1:A:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:H3	1:A:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:H3	1:A:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:H3	1:A:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:H3	1:A:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:H3	1:A:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:H3	1:A:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:H3	1:A:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:H3	1:A:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:H3	1:A:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:H3	1:A:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:H3	1:A:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:H3	1:A:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:H3	1:A:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:H3	1:A:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:H3	1:A:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:H3	1:A:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:H3	1:A:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:H3	1:A:18:PRO:CD	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H3	1:A:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:H3	1:A:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:H3	1:A:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:H3	1:A:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:H3	1:A:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:H3	1:A:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:H3	1:A:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:H3	1:A:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:H3	1:A:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:H3	1:A:20:THR:C	6	1.32
(1,26)	2:X:10:DT:H3	1:A:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:H3	1:A:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:H3	1:A:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:H3	1:A:20:THR:H	6	1.32
(1,26)	2:X:10:DT:H3	1:A:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:H3	1:A:20:THR:N	6	1.32
(1,26)	2:X:10:DT:H3	1:A:20:THR:O	6	1.32
(1,26)	2:X:10:DT:H3	1:A:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:H3	1:B:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:H3	1:B:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:H3	1:B:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:H3	1:B:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:H3	1:B:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:H3	1:B:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:H3	1:B:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:H3	1:B:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:H3	1:B:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:H3	1:B:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:H3	1:B:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:H3	1:B:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:H3	1:B:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:H3	1:B:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:H3	1:B:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:H3	1:B:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:H3	1:B:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:H3	1:B:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:H3	1:B:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:H3	1:B:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:H3	1:B:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:H3	1:B:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:H3	1:B:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:H3	1:B:7:LYS:NZ	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H3	1:B:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:H3	1:B:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:H3	1:B:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:H3	1:B:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:H3	1:B:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:H3	1:B:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:H3	1:B:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:H3	1:B:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:H3	1:B:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:H3	1:B:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:H3	1:B:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:H3	1:B:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:H3	1:B:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:H3	1:B:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:H3	1:B:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:H3	1:B:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:H3	1:B:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:H3	1:B:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:H3	1:B:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:H3	1:B:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:H3	1:B:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:H3	1:B:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:H3	1:B:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:H3	1:B:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:H3	1:B:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:H3	1:B:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:H3	1:B:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:H3	1:B:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:H3	1:B:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:H3	1:B:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:H3	1:B:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:H3	1:B:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:H3	1:B:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:H3	1:B:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:H3	1:B:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:H3	1:B:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:H3	1:B:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:H3	1:B:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:H3	1:B:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:H3	1:B:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:H3	1:B:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:H3	1:B:11:ASN:CB	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H3	1:B:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:H3	1:B:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:H3	1:B:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:H3	1:B:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:H3	1:B:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:H3	1:B:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:H3	1:B:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:H3	1:B:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:H3	1:B:12:SER:C	6	1.32
(1,26)	2:X:10:DT:H3	1:B:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:H3	1:B:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:H3	1:B:12:SER:H	6	1.32
(1,26)	2:X:10:DT:H3	1:B:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:H3	1:B:12:SER:N	6	1.32
(1,26)	2:X:10:DT:H3	1:B:12:SER:O	6	1.32
(1,26)	2:X:10:DT:H3	1:B:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:H3	1:B:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:H3	1:B:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:H3	1:B:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:H3	1:B:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:H3	1:B:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:H3	1:B:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:H3	1:B:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:H3	1:B:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:H3	1:B:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:H3	1:B:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:H3	1:B:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:H3	1:B:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:H3	1:B:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:H3	1:B:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:H3	1:B:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:H3	1:B:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:H3	1:B:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:H3	1:B:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:H3	1:B:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:H3	1:B:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:H3	1:B:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:H3	1:B:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:H3	1:B:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:H3	1:B:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:H3	1:B:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:H3	1:B:19:ALA:CA	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H3	1:B:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:H3	1:B:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:H3	1:B:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:H3	1:B:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:H3	1:B:20:THR:C	6	1.32
(1,26)	2:X:10:DT:H3	1:B:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:H3	1:B:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:H3	1:B:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:H3	1:B:20:THR:H	6	1.32
(1,26)	2:X:10:DT:H3	1:B:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:H3	1:B:20:THR:N	6	1.32
(1,26)	2:X:10:DT:H3	1:B:20:THR:O	6	1.32
(1,26)	2:X:10:DT:H3	1:B:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:8:ARG:CD	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H3 [?]	1:A:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:11:ASN:N	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H3 [?]	1:A:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:12:SER:C	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:12:SER:H	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:12:SER:N	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:12:SER:O	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:20:THR:C	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H3 [?]	1:A:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:20:THR:H	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:20:THR:N	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:20:THR:O	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:A:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:8:ARG:HH11	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H3 ⁷	1:B:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:H3 ⁷	1:B:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:H3 ⁷	1:B:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:H3 ⁷	1:B:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:H3 ⁷	1:B:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:H3 ⁷	1:B:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:H3 ⁷	1:B:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:H3 ⁷	1:B:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:H3 ⁷	1:B:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:H3 ⁷	1:B:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:H3 ⁷	1:B:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:H3 ⁷	1:B:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:H3 ⁷	1:B:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:H3 ⁷	1:B:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:H3 ⁷	1:B:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:H3 ⁷	1:B:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:H3 ⁷	1:B:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:H3 ⁷	1:B:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:H3 ⁷	1:B:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:H3 ⁷	1:B:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:H3 ⁷	1:B:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:H3 ⁷	1:B:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:H3 ⁷	1:B:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:H3 ⁷	1:B:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:H3 ⁷	1:B:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:H3 ⁷	1:B:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:H3 ⁷	1:B:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:H3 ⁷	1:B:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:H3 ⁷	1:B:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:H3 ⁷	1:B:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:H3 ⁷	1:B:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:H3 ⁷	1:B:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:H3 ⁷	1:B:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:H3 ⁷	1:B:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:H3 ⁷	1:B:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:H3 ⁷	1:B:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:H3 ⁷	1:B:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:H3 ⁷	1:B:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:H3 ⁷	1:B:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:H3 ⁷	1:B:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:H3 ⁷	1:B:12:SER:C	6	1.32
(1,26)	2:X:10:DT:H3 ⁷	1:B:12:SER:CA	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H3 [?]	1:B:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:12:SER:H	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:12:SER:N	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:12:SER:O	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:20:THR:C	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:20:THR:H	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:20:THR:HG1	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H3 [?]	1:B:20:THR:N	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:20:THR:O	6	1.32
(1,26)	2:X:10:DT:H3 [?]	1:B:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:8:ARG:NE	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H4 [?]	1:A:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:12:SER:C	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:12:SER:H	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:12:SER:N	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:12:SER:O	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H4 [?]	1:A:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:20:THR:C	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:20:THR:H	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:20:THR:N	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:20:THR:O	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:A:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:3:HIS:CA	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H4 [?]	1:B:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:9:TRP:CA	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H4 [?]	1:B:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:12:SER:C	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:12:SER:H	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:12:SER:N	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:12:SER:O	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:16:ARG:CD	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H4 [?]	1:B:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:20:THR:C	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:20:THR:H	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:20:THR:N	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:20:THR:O	6	1.32
(1,26)	2:X:10:DT:H4 [?]	1:B:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:3:HIS:H	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H5 ⁷	1:A:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:A:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:A:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:A:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:A:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:A:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:A:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:A:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:A:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:A:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:A:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:A:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:A:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:A:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:A:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:A:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:A:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:A:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:A:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:A:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:A:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:A:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:A:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:A:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:A:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:A:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:A:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:A:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:A:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:A:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:A:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:A:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:A:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:A:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:A:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:A:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:A:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:A:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:A:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:A:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:A:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:A:9:TRP:CE3	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H5 [?]	1:A:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:12:SER:C	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:12:SER:H	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:12:SER:N	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:12:SER:O	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:16:ARG:HH11	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H5 [?]	1:A:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:20:THR:C	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:20:THR:H	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:20:THR:N	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:20:THR:O	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:A:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:3:HIS:O	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H5 ⁷	1:B:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:B:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:B:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:B:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:B:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:B:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:B:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:B:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:B:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:B:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:B:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:B:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:B:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:B:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:B:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:B:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:B:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:B:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:B:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:B:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:B:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:B:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:B:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:B:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:B:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:B:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:B:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:B:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:B:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:B:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:B:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:B:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:B:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:B:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:B:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:B:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:B:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:B:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:B:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:B:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:B:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:H5 ⁷	1:B:9:TRP:H	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H5 [?]	1:B:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:12:SER:C	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:12:SER:H	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:12:SER:N	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:12:SER:O	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:H5 [?]	1:B:16:ARG:NE	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H5'	1:B:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:H5'	1:B:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:H5'	1:B:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:H5'	1:B:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:H5'	1:B:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:H5'	1:B:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:H5'	1:B:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:H5'	1:B:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:H5'	1:B:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:H5'	1:B:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:H5'	1:B:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:H5'	1:B:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:H5'	1:B:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:H5'	1:B:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:H5'	1:B:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:H5'	1:B:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:H5'	1:B:20:THR:C	6	1.32
(1,26)	2:X:10:DT:H5'	1:B:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:H5'	1:B:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:H5'	1:B:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:H5'	1:B:20:THR:H	6	1.32
(1,26)	2:X:10:DT:H5'	1:B:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:H5'	1:B:20:THR:N	6	1.32
(1,26)	2:X:10:DT:H5'	1:B:20:THR:O	6	1.32
(1,26)	2:X:10:DT:H5'	1:B:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:7:LYS:CE	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H5''	1:A:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:10:GLY:C	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H5''	1:A:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:12:SER:C	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:12:SER:H	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:12:SER:N	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:12:SER:O	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:18:PRO:CA	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H5''	1:A:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:20:THR:C	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:20:THR:H	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:20:THR:N	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:20:THR:O	6	1.32
(1,26)	2:X:10:DT:H5''	1:A:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:7:LYS:HZ3	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H5''	1:B:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:11:ASN:C	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H5''	1:B:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:12:SER:C	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:12:SER:H	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:12:SER:N	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:12:SER:O	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:18:PRO:O	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H5''	1:B:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:20:THR:C	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:20:THR:H	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:20:THR:N	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:20:THR:O	6	1.32
(1,26)	2:X:10:DT:H5''	1:B:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:H6	1:A:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:H6	1:A:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:H6	1:A:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:H6	1:A:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:H6	1:A:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:H6	1:A:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:H6	1:A:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:H6	1:A:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:H6	1:A:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:H6	1:A:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:H6	1:A:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:H6	1:A:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:H6	1:A:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:H6	1:A:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:H6	1:A:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:H6	1:A:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:H6	1:A:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:H6	1:A:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:H6	1:A:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:H6	1:A:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:H6	1:A:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:H6	1:A:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:H6	1:A:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:H6	1:A:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:H6	1:A:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:H6	1:A:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:H6	1:A:8:ARG:CA	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H6	1:A:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:H6	1:A:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:H6	1:A:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:H6	1:A:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:H6	1:A:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:H6	1:A:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:H6	1:A:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:H6	1:A:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:H6	1:A:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:H6	1:A:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:H6	1:A:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:H6	1:A:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:H6	1:A:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:H6	1:A:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:H6	1:A:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:H6	1:A:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:H6	1:A:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:H6	1:A:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:H6	1:A:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:H6	1:A:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:H6	1:A:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:H6	1:A:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:H6	1:A:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:H6	1:A:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:H6	1:A:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:H6	1:A:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:H6	1:A:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:H6	1:A:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:H6	1:A:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:H6	1:A:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:H6	1:A:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:H6	1:A:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:H6	1:A:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:H6	1:A:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:H6	1:A:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:H6	1:A:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:H6	1:A:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:H6	1:A:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:H6	1:A:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:H6	1:A:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:H6	1:A:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:H6	1:A:11:ASN:HD21	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H6	1:A:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:H6	1:A:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:H6	1:A:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:H6	1:A:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:H6	1:A:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:H6	1:A:12:SER:C	6	1.32
(1,26)	2:X:10:DT:H6	1:A:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:H6	1:A:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:H6	1:A:12:SER:H	6	1.32
(1,26)	2:X:10:DT:H6	1:A:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:H6	1:A:12:SER:N	6	1.32
(1,26)	2:X:10:DT:H6	1:A:12:SER:O	6	1.32
(1,26)	2:X:10:DT:H6	1:A:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:H6	1:A:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:H6	1:A:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:H6	1:A:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:H6	1:A:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:H6	1:A:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:H6	1:A:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:H6	1:A:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:H6	1:A:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:H6	1:A:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:H6	1:A:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:H6	1:A:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:H6	1:A:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:H6	1:A:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:H6	1:A:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:H6	1:A:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:H6	1:A:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:H6	1:A:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:H6	1:A:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:H6	1:A:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:H6	1:A:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:H6	1:A:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:H6	1:A:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:H6	1:A:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:H6	1:A:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:H6	1:A:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:H6	1:A:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:H6	1:A:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:H6	1:A:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:H6	1:A:19:ALA:N	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H6	1:A:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:H6	1:A:20:THR:C	6	1.32
(1,26)	2:X:10:DT:H6	1:A:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:H6	1:A:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:H6	1:A:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:H6	1:A:20:THR:H	6	1.32
(1,26)	2:X:10:DT:H6	1:A:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:H6	1:A:20:THR:N	6	1.32
(1,26)	2:X:10:DT:H6	1:A:20:THR:O	6	1.32
(1,26)	2:X:10:DT:H6	1:A:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:H6	1:B:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:H6	1:B:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:H6	1:B:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:H6	1:B:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:H6	1:B:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:H6	1:B:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:H6	1:B:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:H6	1:B:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:H6	1:B:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:H6	1:B:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:H6	1:B:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:H6	1:B:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:H6	1:B:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:H6	1:B:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:H6	1:B:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:H6	1:B:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:H6	1:B:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:H6	1:B:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:H6	1:B:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:H6	1:B:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:H6	1:B:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:H6	1:B:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:H6	1:B:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:H6	1:B:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:H6	1:B:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:H6	1:B:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:H6	1:B:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:H6	1:B:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:H6	1:B:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:H6	1:B:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:H6	1:B:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:H6	1:B:8:ARG:H	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H6	1:B:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:H6	1:B:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:H6	1:B:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:H6	1:B:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:H6	1:B:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:H6	1:B:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:H6	1:B:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:H6	1:B:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:H6	1:B:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:H6	1:B:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:H6	1:B:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:H6	1:B:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:H6	1:B:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:H6	1:B:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:H6	1:B:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:H6	1:B:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:H6	1:B:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:H6	1:B:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:H6	1:B:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:H6	1:B:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:H6	1:B:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:H6	1:B:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:H6	1:B:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:H6	1:B:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:H6	1:B:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:H6	1:B:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:H6	1:B:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:H6	1:B:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:H6	1:B:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:H6	1:B:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:H6	1:B:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:H6	1:B:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:H6	1:B:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:H6	1:B:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:H6	1:B:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:H6	1:B:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:H6	1:B:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:H6	1:B:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:H6	1:B:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:H6	1:B:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:H6	1:B:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:H6	1:B:11:ASN:OD1	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H6	1:B:12:SER:C	6	1.32
(1,26)	2:X:10:DT:H6	1:B:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:H6	1:B:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:H6	1:B:12:SER:H	6	1.32
(1,26)	2:X:10:DT:H6	1:B:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:H6	1:B:12:SER:N	6	1.32
(1,26)	2:X:10:DT:H6	1:B:12:SER:O	6	1.32
(1,26)	2:X:10:DT:H6	1:B:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:H6	1:B:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:H6	1:B:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:H6	1:B:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:H6	1:B:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:H6	1:B:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:H6	1:B:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:H6	1:B:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:H6	1:B:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:H6	1:B:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:H6	1:B:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:H6	1:B:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:H6	1:B:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:H6	1:B:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:H6	1:B:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:H6	1:B:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:H6	1:B:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:H6	1:B:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:H6	1:B:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:H6	1:B:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:H6	1:B:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:H6	1:B:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:H6	1:B:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:H6	1:B:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:H6	1:B:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:H6	1:B:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:H6	1:B:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:H6	1:B:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:H6	1:B:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:H6	1:B:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:H6	1:B:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:H6	1:B:20:THR:C	6	1.32
(1,26)	2:X:10:DT:H6	1:B:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:H6	1:B:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:H6	1:B:20:THR:CG2	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H6	1:B:20:THR:H	6	1.32
(1,26)	2:X:10:DT:H6	1:B:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:H6	1:B:20:THR:N	6	1.32
(1,26)	2:X:10:DT:H6	1:B:20:THR:O	6	1.32
(1,26)	2:X:10:DT:H6	1:B:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:H71	1:A:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:H71	1:A:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:H71	1:A:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:H71	1:A:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:H71	1:A:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:H71	1:A:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:H71	1:A:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:H71	1:A:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:H71	1:A:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:H71	1:A:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:H71	1:A:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:H71	1:A:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:H71	1:A:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:H71	1:A:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:H71	1:A:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:H71	1:A:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:H71	1:A:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:H71	1:A:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:H71	1:A:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:H71	1:A:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:H71	1:A:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:H71	1:A:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:H71	1:A:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:H71	1:A:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:H71	1:A:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:H71	1:A:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:H71	1:A:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:H71	1:A:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:H71	1:A:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:H71	1:A:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:H71	1:A:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:H71	1:A:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:H71	1:A:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:H71	1:A:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:H71	1:A:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:H71	1:A:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:H71	1:A:8:ARG:HH22	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H71	1:A:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:H71	1:A:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:H71	1:A:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:H71	1:A:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:H71	1:A:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:H71	1:A:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:H71	1:A:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:H71	1:A:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:H71	1:A:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:H71	1:A:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:H71	1:A:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:H71	1:A:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:H71	1:A:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:H71	1:A:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:H71	1:A:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:H71	1:A:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:H71	1:A:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:H71	1:A:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:H71	1:A:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:H71	1:A:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:H71	1:A:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:H71	1:A:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:H71	1:A:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:H71	1:A:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:H71	1:A:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:H71	1:A:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:H71	1:A:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:H71	1:A:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:H71	1:A:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:H71	1:A:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:H71	1:A:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:H71	1:A:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:H71	1:A:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:H71	1:A:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:H71	1:A:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:H71	1:A:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:H71	1:A:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:H71	1:A:12:SER:C	6	1.32
(1,26)	2:X:10:DT:H71	1:A:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:H71	1:A:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:H71	1:A:12:SER:H	6	1.32
(1,26)	2:X:10:DT:H71	1:A:12:SER:HG	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H71	1:A:12:SER:N	6	1.32
(1,26)	2:X:10:DT:H71	1:A:12:SER:O	6	1.32
(1,26)	2:X:10:DT:H71	1:A:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:H71	1:A:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:H71	1:A:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:H71	1:A:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:H71	1:A:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:H71	1:A:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:H71	1:A:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:H71	1:A:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:H71	1:A:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:H71	1:A:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:H71	1:A:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:H71	1:A:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:H71	1:A:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:H71	1:A:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:H71	1:A:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:H71	1:A:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:H71	1:A:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:H71	1:A:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:H71	1:A:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:H71	1:A:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:H71	1:A:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:H71	1:A:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:H71	1:A:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:H71	1:A:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:H71	1:A:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:H71	1:A:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:H71	1:A:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:H71	1:A:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:H71	1:A:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:H71	1:A:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:H71	1:A:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:H71	1:A:20:THR:C	6	1.32
(1,26)	2:X:10:DT:H71	1:A:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:H71	1:A:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:H71	1:A:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:H71	1:A:20:THR:H	6	1.32
(1,26)	2:X:10:DT:H71	1:A:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:H71	1:A:20:THR:N	6	1.32
(1,26)	2:X:10:DT:H71	1:A:20:THR:O	6	1.32
(1,26)	2:X:10:DT:H71	1:A:20:THR:OG1	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H71	1:B:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:H71	1:B:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:H71	1:B:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:H71	1:B:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:H71	1:B:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:H71	1:B:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:H71	1:B:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:H71	1:B:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:H71	1:B:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:H71	1:B:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:H71	1:B:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:H71	1:B:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:H71	1:B:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:H71	1:B:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:H71	1:B:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:H71	1:B:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:H71	1:B:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:H71	1:B:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:H71	1:B:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:H71	1:B:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:H71	1:B:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:H71	1:B:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:H71	1:B:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:H71	1:B:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:H71	1:B:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:H71	1:B:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:H71	1:B:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:H71	1:B:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:H71	1:B:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:H71	1:B:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:H71	1:B:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:H71	1:B:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:H71	1:B:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:H71	1:B:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:H71	1:B:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:H71	1:B:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:H71	1:B:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:H71	1:B:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:H71	1:B:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:H71	1:B:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:H71	1:B:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:H71	1:B:8:ARG:O	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H71	1:B:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:H71	1:B:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:H71	1:B:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:H71	1:B:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:H71	1:B:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:H71	1:B:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:H71	1:B:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:H71	1:B:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:H71	1:B:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:H71	1:B:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:H71	1:B:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:H71	1:B:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:H71	1:B:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:H71	1:B:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:H71	1:B:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:H71	1:B:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:H71	1:B:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:H71	1:B:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:H71	1:B:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:H71	1:B:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:H71	1:B:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:H71	1:B:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:H71	1:B:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:H71	1:B:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:H71	1:B:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:H71	1:B:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:H71	1:B:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:H71	1:B:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:H71	1:B:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:H71	1:B:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:H71	1:B:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:H71	1:B:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:H71	1:B:12:SER:C	6	1.32
(1,26)	2:X:10:DT:H71	1:B:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:H71	1:B:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:H71	1:B:12:SER:H	6	1.32
(1,26)	2:X:10:DT:H71	1:B:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:H71	1:B:12:SER:N	6	1.32
(1,26)	2:X:10:DT:H71	1:B:12:SER:O	6	1.32
(1,26)	2:X:10:DT:H71	1:B:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:H71	1:B:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:H71	1:B:16:ARG:CA	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H71	1:B:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:H71	1:B:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:H71	1:B:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:H71	1:B:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:H71	1:B:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:H71	1:B:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:H71	1:B:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:H71	1:B:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:H71	1:B:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:H71	1:B:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:H71	1:B:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:H71	1:B:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:H71	1:B:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:H71	1:B:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:H71	1:B:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:H71	1:B:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:H71	1:B:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:H71	1:B:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:H71	1:B:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:H71	1:B:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:H71	1:B:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:H71	1:B:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:H71	1:B:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:H71	1:B:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:H71	1:B:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:H71	1:B:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:H71	1:B:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:H71	1:B:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:H71	1:B:20:THR:C	6	1.32
(1,26)	2:X:10:DT:H71	1:B:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:H71	1:B:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:H71	1:B:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:H71	1:B:20:THR:H	6	1.32
(1,26)	2:X:10:DT:H71	1:B:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:H71	1:B:20:THR:N	6	1.32
(1,26)	2:X:10:DT:H71	1:B:20:THR:O	6	1.32
(1,26)	2:X:10:DT:H71	1:B:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:H72	1:A:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:H72	1:A:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:H72	1:A:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:H72	1:A:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:H72	1:A:3:HIS:CE1	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H72	1:A:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:H72	1:A:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:H72	1:A:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:H72	1:A:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:H72	1:A:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:H72	1:A:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:H72	1:A:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:H72	1:A:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:H72	1:A:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:H72	1:A:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:H72	1:A:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:H72	1:A:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:H72	1:A:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:H72	1:A:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:H72	1:A:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:H72	1:A:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:H72	1:A:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:H72	1:A:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:H72	1:A:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:H72	1:A:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:H72	1:A:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:H72	1:A:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:H72	1:A:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:H72	1:A:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:H72	1:A:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:H72	1:A:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:H72	1:A:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:H72	1:A:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:H72	1:A:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:H72	1:A:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:H72	1:A:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:H72	1:A:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:H72	1:A:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:H72	1:A:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:H72	1:A:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:H72	1:A:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:H72	1:A:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:H72	1:A:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:H72	1:A:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:H72	1:A:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:H72	1:A:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:H72	1:A:9:TRP:CD2	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H72	1:A:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:H72	1:A:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:H72	1:A:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:H72	1:A:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:H72	1:A:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:H72	1:A:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:H72	1:A:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:H72	1:A:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:H72	1:A:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:H72	1:A:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:H72	1:A:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:H72	1:A:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:H72	1:A:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:H72	1:A:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:H72	1:A:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:H72	1:A:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:H72	1:A:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:H72	1:A:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:H72	1:A:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:H72	1:A:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:H72	1:A:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:H72	1:A:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:H72	1:A:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:H72	1:A:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:H72	1:A:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:H72	1:A:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:H72	1:A:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:H72	1:A:12:SER:C	6	1.32
(1,26)	2:X:10:DT:H72	1:A:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:H72	1:A:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:H72	1:A:12:SER:H	6	1.32
(1,26)	2:X:10:DT:H72	1:A:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:H72	1:A:12:SER:N	6	1.32
(1,26)	2:X:10:DT:H72	1:A:12:SER:O	6	1.32
(1,26)	2:X:10:DT:H72	1:A:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:H72	1:A:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:H72	1:A:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:H72	1:A:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:H72	1:A:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:H72	1:A:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:H72	1:A:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:H72	1:A:16:ARG:H	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H72	1:A:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:H72	1:A:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:H72	1:A:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:H72	1:A:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:H72	1:A:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:H72	1:A:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:H72	1:A:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:H72	1:A:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:H72	1:A:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:H72	1:A:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:H72	1:A:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:H72	1:A:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:H72	1:A:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:H72	1:A:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:H72	1:A:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:H72	1:A:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:H72	1:A:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:H72	1:A:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:H72	1:A:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:H72	1:A:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:H72	1:A:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:H72	1:A:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:H72	1:A:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:H72	1:A:20:THR:C	6	1.32
(1,26)	2:X:10:DT:H72	1:A:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:H72	1:A:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:H72	1:A:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:H72	1:A:20:THR:H	6	1.32
(1,26)	2:X:10:DT:H72	1:A:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:H72	1:A:20:THR:N	6	1.32
(1,26)	2:X:10:DT:H72	1:A:20:THR:O	6	1.32
(1,26)	2:X:10:DT:H72	1:A:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:H72	1:B:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:H72	1:B:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:H72	1:B:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:H72	1:B:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:H72	1:B:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:H72	1:B:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:H72	1:B:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:H72	1:B:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:H72	1:B:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:H72	1:B:3:HIS:ND1	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H72	1:B:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:H72	1:B:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:H72	1:B:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:H72	1:B:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:H72	1:B:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:H72	1:B:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:H72	1:B:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:H72	1:B:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:H72	1:B:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:H72	1:B:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:H72	1:B:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:H72	1:B:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:H72	1:B:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:H72	1:B:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:H72	1:B:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:H72	1:B:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:H72	1:B:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:H72	1:B:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:H72	1:B:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:H72	1:B:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:H72	1:B:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:H72	1:B:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:H72	1:B:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:H72	1:B:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:H72	1:B:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:H72	1:B:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:H72	1:B:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:H72	1:B:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:H72	1:B:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:H72	1:B:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:H72	1:B:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:H72	1:B:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:H72	1:B:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:H72	1:B:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:H72	1:B:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:H72	1:B:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:H72	1:B:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:H72	1:B:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:H72	1:B:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:H72	1:B:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:H72	1:B:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:H72	1:B:9:TRP:CZ2	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H72	1:B:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:H72	1:B:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:H72	1:B:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:H72	1:B:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:H72	1:B:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:H72	1:B:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:H72	1:B:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:H72	1:B:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:H72	1:B:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:H72	1:B:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:H72	1:B:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:H72	1:B:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:H72	1:B:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:H72	1:B:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:H72	1:B:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:H72	1:B:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:H72	1:B:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:H72	1:B:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:H72	1:B:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:H72	1:B:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:H72	1:B:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:H72	1:B:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:H72	1:B:12:SER:C	6	1.32
(1,26)	2:X:10:DT:H72	1:B:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:H72	1:B:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:H72	1:B:12:SER:H	6	1.32
(1,26)	2:X:10:DT:H72	1:B:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:H72	1:B:12:SER:N	6	1.32
(1,26)	2:X:10:DT:H72	1:B:12:SER:O	6	1.32
(1,26)	2:X:10:DT:H72	1:B:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:H72	1:B:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:H72	1:B:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:H72	1:B:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:H72	1:B:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:H72	1:B:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:H72	1:B:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:H72	1:B:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:H72	1:B:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:H72	1:B:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:H72	1:B:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:H72	1:B:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:H72	1:B:16:ARG:HH22	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H72	1:B:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:H72	1:B:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:H72	1:B:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:H72	1:B:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:H72	1:B:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:H72	1:B:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:H72	1:B:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:H72	1:B:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:H72	1:B:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:H72	1:B:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:H72	1:B:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:H72	1:B:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:H72	1:B:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:H72	1:B:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:H72	1:B:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:H72	1:B:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:H72	1:B:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:H72	1:B:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:H72	1:B:20:THR:C	6	1.32
(1,26)	2:X:10:DT:H72	1:B:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:H72	1:B:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:H72	1:B:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:H72	1:B:20:THR:H	6	1.32
(1,26)	2:X:10:DT:H72	1:B:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:H72	1:B:20:THR:N	6	1.32
(1,26)	2:X:10:DT:H72	1:B:20:THR:O	6	1.32
(1,26)	2:X:10:DT:H72	1:B:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:H73	1:A:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:H73	1:A:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:H73	1:A:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:H73	1:A:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:H73	1:A:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:H73	1:A:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:H73	1:A:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:H73	1:A:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:H73	1:A:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:H73	1:A:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:H73	1:A:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:H73	1:A:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:H73	1:A:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:H73	1:A:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:H73	1:A:7:LYS:CB	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H73	1:A:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:H73	1:A:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:H73	1:A:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:H73	1:A:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:H73	1:A:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:H73	1:A:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:H73	1:A:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:H73	1:A:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:H73	1:A:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:H73	1:A:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:H73	1:A:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:H73	1:A:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:H73	1:A:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:H73	1:A:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:H73	1:A:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:H73	1:A:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:H73	1:A:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:H73	1:A:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:H73	1:A:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:H73	1:A:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:H73	1:A:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:H73	1:A:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:H73	1:A:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:H73	1:A:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:H73	1:A:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:H73	1:A:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:H73	1:A:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:H73	1:A:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:H73	1:A:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:H73	1:A:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:H73	1:A:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:H73	1:A:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:H73	1:A:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:H73	1:A:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:H73	1:A:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:H73	1:A:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:H73	1:A:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:H73	1:A:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:H73	1:A:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:H73	1:A:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:H73	1:A:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:H73	1:A:9:TRP:NE1	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H73	1:A:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:H73	1:A:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:H73	1:A:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:H73	1:A:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:H73	1:A:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:H73	1:A:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:H73	1:A:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:H73	1:A:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:H73	1:A:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:H73	1:A:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:H73	1:A:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:H73	1:A:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:H73	1:A:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:H73	1:A:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:H73	1:A:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:H73	1:A:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:H73	1:A:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:H73	1:A:12:SER:C	6	1.32
(1,26)	2:X:10:DT:H73	1:A:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:H73	1:A:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:H73	1:A:12:SER:H	6	1.32
(1,26)	2:X:10:DT:H73	1:A:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:H73	1:A:12:SER:N	6	1.32
(1,26)	2:X:10:DT:H73	1:A:12:SER:O	6	1.32
(1,26)	2:X:10:DT:H73	1:A:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:H73	1:A:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:H73	1:A:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:H73	1:A:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:H73	1:A:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:H73	1:A:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:H73	1:A:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:H73	1:A:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:H73	1:A:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:H73	1:A:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:H73	1:A:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:H73	1:A:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:H73	1:A:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:H73	1:A:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:H73	1:A:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:H73	1:A:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:H73	1:A:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:H73	1:A:16:ARG:O	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H73	1:A:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:H73	1:A:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:H73	1:A:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:H73	1:A:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:H73	1:A:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:H73	1:A:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:H73	1:A:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:H73	1:A:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:H73	1:A:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:H73	1:A:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:H73	1:A:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:H73	1:A:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:H73	1:A:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:H73	1:A:20:THR:C	6	1.32
(1,26)	2:X:10:DT:H73	1:A:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:H73	1:A:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:H73	1:A:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:H73	1:A:20:THR:H	6	1.32
(1,26)	2:X:10:DT:H73	1:A:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:H73	1:A:20:THR:N	6	1.32
(1,26)	2:X:10:DT:H73	1:A:20:THR:O	6	1.32
(1,26)	2:X:10:DT:H73	1:A:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:H73	1:B:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:H73	1:B:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:H73	1:B:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:H73	1:B:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:H73	1:B:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:H73	1:B:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:H73	1:B:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:H73	1:B:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:H73	1:B:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:H73	1:B:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:H73	1:B:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:H73	1:B:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:H73	1:B:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:H73	1:B:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:H73	1:B:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:H73	1:B:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:H73	1:B:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:H73	1:B:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:H73	1:B:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:H73	1:B:7:LYS:HZ1	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H73	1:B:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:H73	1:B:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:H73	1:B:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:H73	1:B:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:H73	1:B:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:H73	1:B:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:H73	1:B:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:H73	1:B:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:H73	1:B:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:H73	1:B:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:H73	1:B:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:H73	1:B:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:H73	1:B:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:H73	1:B:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:H73	1:B:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:H73	1:B:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:H73	1:B:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:H73	1:B:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:H73	1:B:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:H73	1:B:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:H73	1:B:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:H73	1:B:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:H73	1:B:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:H73	1:B:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:H73	1:B:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:H73	1:B:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:H73	1:B:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:H73	1:B:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:H73	1:B:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:H73	1:B:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:H73	1:B:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:H73	1:B:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:H73	1:B:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:H73	1:B:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:H73	1:B:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:H73	1:B:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:H73	1:B:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:H73	1:B:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:H73	1:B:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:H73	1:B:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:H73	1:B:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:H73	1:B:10:GLY:N	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H73	1:B:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:H73	1:B:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:H73	1:B:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:H73	1:B:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:H73	1:B:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:H73	1:B:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:H73	1:B:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:H73	1:B:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:H73	1:B:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:H73	1:B:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:H73	1:B:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:H73	1:B:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:H73	1:B:12:SER:C	6	1.32
(1,26)	2:X:10:DT:H73	1:B:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:H73	1:B:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:H73	1:B:12:SER:H	6	1.32
(1,26)	2:X:10:DT:H73	1:B:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:H73	1:B:12:SER:N	6	1.32
(1,26)	2:X:10:DT:H73	1:B:12:SER:O	6	1.32
(1,26)	2:X:10:DT:H73	1:B:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:H73	1:B:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:H73	1:B:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:H73	1:B:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:H73	1:B:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:H73	1:B:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:H73	1:B:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:H73	1:B:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:H73	1:B:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:H73	1:B:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:H73	1:B:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:H73	1:B:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:H73	1:B:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:H73	1:B:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:H73	1:B:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:H73	1:B:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:H73	1:B:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:H73	1:B:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:H73	1:B:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:H73	1:B:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:H73	1:B:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:H73	1:B:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:H73	1:B:18:PRO:CG	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:H73	1:B:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:H73	1:B:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:H73	1:B:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:H73	1:B:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:H73	1:B:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:H73	1:B:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:H73	1:B:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:H73	1:B:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:H73	1:B:20:THR:C	6	1.32
(1,26)	2:X:10:DT:H73	1:B:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:H73	1:B:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:H73	1:B:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:H73	1:B:20:THR:H	6	1.32
(1,26)	2:X:10:DT:H73	1:B:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:H73	1:B:20:THR:N	6	1.32
(1,26)	2:X:10:DT:H73	1:B:20:THR:O	6	1.32
(1,26)	2:X:10:DT:H73	1:B:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:N1	1:A:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:N1	1:A:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:N1	1:A:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:N1	1:A:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:N1	1:A:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:N1	1:A:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:N1	1:A:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:N1	1:A:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:N1	1:A:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:N1	1:A:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:N1	1:A:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:N1	1:A:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:N1	1:A:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:N1	1:A:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:N1	1:A:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:N1	1:A:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:N1	1:A:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:N1	1:A:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:N1	1:A:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:N1	1:A:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:N1	1:A:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:N1	1:A:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:N1	1:A:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:N1	1:A:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:N1	1:A:7:LYS:O	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:N1	1:A:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:N1	1:A:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:N1	1:A:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:N1	1:A:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:N1	1:A:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:N1	1:A:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:N1	1:A:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:N1	1:A:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:N1	1:A:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:N1	1:A:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:N1	1:A:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:N1	1:A:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:N1	1:A:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:N1	1:A:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:N1	1:A:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:N1	1:A:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:N1	1:A:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:N1	1:A:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:N1	1:A:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:N1	1:A:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:N1	1:A:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:N1	1:A:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:N1	1:A:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:N1	1:A:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:N1	1:A:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:N1	1:A:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:N1	1:A:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:N1	1:A:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:N1	1:A:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:N1	1:A:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:N1	1:A:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:N1	1:A:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:N1	1:A:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:N1	1:A:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:N1	1:A:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:N1	1:A:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:N1	1:A:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:N1	1:A:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:N1	1:A:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:N1	1:A:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:N1	1:A:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:N1	1:A:11:ASN:CG	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:N1	1:A:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:N1	1:A:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:N1	1:A:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:N1	1:A:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:N1	1:A:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:N1	1:A:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:N1	1:A:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:N1	1:A:12:SER:C	6	1.32
(1,26)	2:X:10:DT:N1	1:A:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:N1	1:A:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:N1	1:A:12:SER:H	6	1.32
(1,26)	2:X:10:DT:N1	1:A:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:N1	1:A:12:SER:N	6	1.32
(1,26)	2:X:10:DT:N1	1:A:12:SER:O	6	1.32
(1,26)	2:X:10:DT:N1	1:A:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:N1	1:A:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:N1	1:A:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:N1	1:A:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:N1	1:A:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:N1	1:A:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:N1	1:A:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:N1	1:A:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:N1	1:A:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:N1	1:A:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:N1	1:A:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:N1	1:A:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:N1	1:A:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:N1	1:A:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:N1	1:A:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:N1	1:A:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:N1	1:A:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:N1	1:A:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:N1	1:A:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:N1	1:A:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:N1	1:A:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:N1	1:A:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:N1	1:A:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:N1	1:A:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:N1	1:A:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:N1	1:A:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:N1	1:A:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:N1	1:A:19:ALA:CB	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:N1	1:A:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:N1	1:A:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:N1	1:A:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:N1	1:A:20:THR:C	6	1.32
(1,26)	2:X:10:DT:N1	1:A:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:N1	1:A:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:N1	1:A:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:N1	1:A:20:THR:H	6	1.32
(1,26)	2:X:10:DT:N1	1:A:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:N1	1:A:20:THR:N	6	1.32
(1,26)	2:X:10:DT:N1	1:A:20:THR:O	6	1.32
(1,26)	2:X:10:DT:N1	1:A:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:N1	1:B:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:N1	1:B:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:N1	1:B:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:N1	1:B:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:N1	1:B:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:N1	1:B:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:N1	1:B:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:N1	1:B:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:N1	1:B:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:N1	1:B:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:N1	1:B:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:N1	1:B:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:N1	1:B:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:N1	1:B:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:N1	1:B:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:N1	1:B:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:N1	1:B:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:N1	1:B:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:N1	1:B:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:N1	1:B:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:N1	1:B:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:N1	1:B:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:N1	1:B:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:N1	1:B:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:N1	1:B:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:N1	1:B:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:N1	1:B:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:N1	1:B:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:N1	1:B:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:N1	1:B:8:ARG:CG	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:N1	1:B:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:N1	1:B:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:N1	1:B:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:N1	1:B:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:N1	1:B:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:N1	1:B:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:N1	1:B:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:N1	1:B:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:N1	1:B:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:N1	1:B:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:N1	1:B:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:N1	1:B:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:N1	1:B:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:N1	1:B:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:N1	1:B:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:N1	1:B:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:N1	1:B:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:N1	1:B:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:N1	1:B:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:N1	1:B:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:N1	1:B:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:N1	1:B:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:N1	1:B:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:N1	1:B:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:N1	1:B:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:N1	1:B:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:N1	1:B:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:N1	1:B:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:N1	1:B:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:N1	1:B:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:N1	1:B:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:N1	1:B:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:N1	1:B:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:N1	1:B:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:N1	1:B:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:N1	1:B:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:N1	1:B:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:N1	1:B:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:N1	1:B:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:N1	1:B:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:N1	1:B:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:N1	1:B:11:ASN:ND2	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:N1	1:B:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:N1	1:B:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:N1	1:B:12:SER:C	6	1.32
(1,26)	2:X:10:DT:N1	1:B:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:N1	1:B:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:N1	1:B:12:SER:H	6	1.32
(1,26)	2:X:10:DT:N1	1:B:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:N1	1:B:12:SER:N	6	1.32
(1,26)	2:X:10:DT:N1	1:B:12:SER:O	6	1.32
(1,26)	2:X:10:DT:N1	1:B:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:N1	1:B:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:N1	1:B:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:N1	1:B:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:N1	1:B:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:N1	1:B:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:N1	1:B:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:N1	1:B:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:N1	1:B:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:N1	1:B:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:N1	1:B:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:N1	1:B:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:N1	1:B:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:N1	1:B:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:N1	1:B:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:N1	1:B:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:N1	1:B:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:N1	1:B:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:N1	1:B:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:N1	1:B:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:N1	1:B:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:N1	1:B:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:N1	1:B:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:N1	1:B:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:N1	1:B:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:N1	1:B:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:N1	1:B:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:N1	1:B:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:N1	1:B:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:N1	1:B:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:N1	1:B:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:N1	1:B:20:THR:C	6	1.32
(1,26)	2:X:10:DT:N1	1:B:20:THR:CA	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:N1	1:B:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:N1	1:B:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:N1	1:B:20:THR:H	6	1.32
(1,26)	2:X:10:DT:N1	1:B:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:N1	1:B:20:THR:N	6	1.32
(1,26)	2:X:10:DT:N1	1:B:20:THR:O	6	1.32
(1,26)	2:X:10:DT:N1	1:B:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:N3	1:A:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:N3	1:A:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:N3	1:A:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:N3	1:A:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:N3	1:A:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:N3	1:A:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:N3	1:A:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:N3	1:A:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:N3	1:A:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:N3	1:A:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:N3	1:A:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:N3	1:A:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:N3	1:A:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:N3	1:A:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:N3	1:A:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:N3	1:A:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:N3	1:A:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:N3	1:A:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:N3	1:A:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:N3	1:A:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:N3	1:A:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:N3	1:A:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:N3	1:A:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:N3	1:A:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:N3	1:A:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:N3	1:A:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:N3	1:A:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:N3	1:A:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:N3	1:A:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:N3	1:A:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:N3	1:A:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:N3	1:A:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:N3	1:A:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:N3	1:A:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:N3	1:A:8:ARG:HH12	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:N3	1:A:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:N3	1:A:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:N3	1:A:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:N3	1:A:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:N3	1:A:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:N3	1:A:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:N3	1:A:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:N3	1:A:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:N3	1:A:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:N3	1:A:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:N3	1:A:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:N3	1:A:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:N3	1:A:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:N3	1:A:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:N3	1:A:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:N3	1:A:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:N3	1:A:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:N3	1:A:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:N3	1:A:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:N3	1:A:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:N3	1:A:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:N3	1:A:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:N3	1:A:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:N3	1:A:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:N3	1:A:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:N3	1:A:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:N3	1:A:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:N3	1:A:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:N3	1:A:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:N3	1:A:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:N3	1:A:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:N3	1:A:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:N3	1:A:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:N3	1:A:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:N3	1:A:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:N3	1:A:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:N3	1:A:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:N3	1:A:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:N3	1:A:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:N3	1:A:12:SER:C	6	1.32
(1,26)	2:X:10:DT:N3	1:A:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:N3	1:A:12:SER:CB	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:N3	1:A:12:SER:H	6	1.32
(1,26)	2:X:10:DT:N3	1:A:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:N3	1:A:12:SER:N	6	1.32
(1,26)	2:X:10:DT:N3	1:A:12:SER:O	6	1.32
(1,26)	2:X:10:DT:N3	1:A:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:N3	1:A:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:N3	1:A:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:N3	1:A:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:N3	1:A:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:N3	1:A:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:N3	1:A:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:N3	1:A:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:N3	1:A:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:N3	1:A:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:N3	1:A:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:N3	1:A:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:N3	1:A:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:N3	1:A:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:N3	1:A:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:N3	1:A:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:N3	1:A:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:N3	1:A:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:N3	1:A:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:N3	1:A:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:N3	1:A:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:N3	1:A:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:N3	1:A:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:N3	1:A:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:N3	1:A:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:N3	1:A:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:N3	1:A:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:N3	1:A:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:N3	1:A:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:N3	1:A:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:N3	1:A:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:N3	1:A:20:THR:C	6	1.32
(1,26)	2:X:10:DT:N3	1:A:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:N3	1:A:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:N3	1:A:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:N3	1:A:20:THR:H	6	1.32
(1,26)	2:X:10:DT:N3	1:A:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:N3	1:A:20:THR:N	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:N3	1:A:20:THR:O	6	1.32
(1,26)	2:X:10:DT:N3	1:A:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:N3	1:B:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:N3	1:B:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:N3	1:B:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:N3	1:B:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:N3	1:B:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:N3	1:B:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:N3	1:B:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:N3	1:B:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:N3	1:B:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:N3	1:B:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:N3	1:B:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:N3	1:B:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:N3	1:B:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:N3	1:B:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:N3	1:B:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:N3	1:B:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:N3	1:B:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:N3	1:B:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:N3	1:B:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:N3	1:B:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:N3	1:B:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:N3	1:B:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:N3	1:B:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:N3	1:B:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:N3	1:B:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:N3	1:B:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:N3	1:B:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:N3	1:B:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:N3	1:B:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:N3	1:B:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:N3	1:B:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:N3	1:B:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:N3	1:B:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:N3	1:B:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:N3	1:B:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:N3	1:B:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:N3	1:B:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:N3	1:B:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:N3	1:B:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:N3	1:B:8:ARG:NH1	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:N3	1:B:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:N3	1:B:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:N3	1:B:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:N3	1:B:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:N3	1:B:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:N3	1:B:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:N3	1:B:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:N3	1:B:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:N3	1:B:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:N3	1:B:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:N3	1:B:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:N3	1:B:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:N3	1:B:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:N3	1:B:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:N3	1:B:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:N3	1:B:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:N3	1:B:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:N3	1:B:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:N3	1:B:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:N3	1:B:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:N3	1:B:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:N3	1:B:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:N3	1:B:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:N3	1:B:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:N3	1:B:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:N3	1:B:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:N3	1:B:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:N3	1:B:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:N3	1:B:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:N3	1:B:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:N3	1:B:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:N3	1:B:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:N3	1:B:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:N3	1:B:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:N3	1:B:12:SER:C	6	1.32
(1,26)	2:X:10:DT:N3	1:B:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:N3	1:B:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:N3	1:B:12:SER:H	6	1.32
(1,26)	2:X:10:DT:N3	1:B:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:N3	1:B:12:SER:N	6	1.32
(1,26)	2:X:10:DT:N3	1:B:12:SER:O	6	1.32
(1,26)	2:X:10:DT:N3	1:B:12:SER:OG	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:N3	1:B:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:N3	1:B:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:N3	1:B:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:N3	1:B:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:N3	1:B:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:N3	1:B:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:N3	1:B:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:N3	1:B:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:N3	1:B:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:N3	1:B:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:N3	1:B:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:N3	1:B:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:N3	1:B:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:N3	1:B:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:N3	1:B:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:N3	1:B:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:N3	1:B:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:N3	1:B:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:N3	1:B:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:N3	1:B:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:N3	1:B:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:N3	1:B:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:N3	1:B:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:N3	1:B:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:N3	1:B:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:N3	1:B:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:N3	1:B:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:N3	1:B:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:N3	1:B:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:N3	1:B:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:N3	1:B:20:THR:C	6	1.32
(1,26)	2:X:10:DT:N3	1:B:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:N3	1:B:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:N3	1:B:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:N3	1:B:20:THR:H	6	1.32
(1,26)	2:X:10:DT:N3	1:B:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:N3	1:B:20:THR:N	6	1.32
(1,26)	2:X:10:DT:N3	1:B:20:THR:O	6	1.32
(1,26)	2:X:10:DT:N3	1:B:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:O2	1:A:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:O2	1:A:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:O2	1:A:3:HIS:CB	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:O2	1:A:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:O2	1:A:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:O2	1:A:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:O2	1:A:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:O2	1:A:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:O2	1:A:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:O2	1:A:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:O2	1:A:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:O2	1:A:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:O2	1:A:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:O2	1:A:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:O2	1:A:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:O2	1:A:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:O2	1:A:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:O2	1:A:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:O2	1:A:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:O2	1:A:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:O2	1:A:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:O2	1:A:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:O2	1:A:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:O2	1:A:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:O2	1:A:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:O2	1:A:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:O2	1:A:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:O2	1:A:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:O2	1:A:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:O2	1:A:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:O2	1:A:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:O2	1:A:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:O2	1:A:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:O2	1:A:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:O2	1:A:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:O2	1:A:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:O2	1:A:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:O2	1:A:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:O2	1:A:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:O2	1:A:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:O2	1:A:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:O2	1:A:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:O2	1:A:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:O2	1:A:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:O2	1:A:9:TRP:CB	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:O2	1:A:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:O2	1:A:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:O2	1:A:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:O2	1:A:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:O2	1:A:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:O2	1:A:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:O2	1:A:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:O2	1:A:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:O2	1:A:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:O2	1:A:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:O2	1:A:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:O2	1:A:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:O2	1:A:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:O2	1:A:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:O2	1:A:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:O2	1:A:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:O2	1:A:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:O2	1:A:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:O2	1:A:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:O2	1:A:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:O2	1:A:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:O2	1:A:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:O2	1:A:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:O2	1:A:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:O2	1:A:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:O2	1:A:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:O2	1:A:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:O2	1:A:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:O2	1:A:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:O2	1:A:12:SER:C	6	1.32
(1,26)	2:X:10:DT:O2	1:A:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:O2	1:A:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:O2	1:A:12:SER:H	6	1.32
(1,26)	2:X:10:DT:O2	1:A:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:O2	1:A:12:SER:N	6	1.32
(1,26)	2:X:10:DT:O2	1:A:12:SER:O	6	1.32
(1,26)	2:X:10:DT:O2	1:A:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:O2	1:A:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:O2	1:A:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:O2	1:A:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:O2	1:A:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:O2	1:A:16:ARG:CG	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:O2	1:A:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:O2	1:A:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:O2	1:A:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:O2	1:A:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:O2	1:A:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:O2	1:A:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:O2	1:A:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:O2	1:A:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:O2	1:A:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:O2	1:A:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:O2	1:A:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:O2	1:A:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:O2	1:A:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:O2	1:A:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:O2	1:A:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:O2	1:A:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:O2	1:A:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:O2	1:A:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:O2	1:A:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:O2	1:A:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:O2	1:A:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:O2	1:A:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:O2	1:A:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:O2	1:A:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:O2	1:A:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:O2	1:A:20:THR:C	6	1.32
(1,26)	2:X:10:DT:O2	1:A:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:O2	1:A:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:O2	1:A:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:O2	1:A:20:THR:H	6	1.32
(1,26)	2:X:10:DT:O2	1:A:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:O2	1:A:20:THR:N	6	1.32
(1,26)	2:X:10:DT:O2	1:A:20:THR:O	6	1.32
(1,26)	2:X:10:DT:O2	1:A:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:O2	1:B:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:O2	1:B:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:O2	1:B:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:O2	1:B:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:O2	1:B:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:O2	1:B:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:O2	1:B:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:O2	1:B:3:HIS:HD1	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:O2	1:B:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:O2	1:B:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:O2	1:B:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:O2	1:B:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:O2	1:B:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:O2	1:B:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:O2	1:B:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:O2	1:B:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:O2	1:B:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:O2	1:B:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:O2	1:B:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:O2	1:B:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:O2	1:B:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:O2	1:B:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:O2	1:B:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:O2	1:B:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:O2	1:B:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:O2	1:B:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:O2	1:B:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:O2	1:B:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:O2	1:B:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:O2	1:B:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:O2	1:B:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:O2	1:B:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:O2	1:B:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:O2	1:B:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:O2	1:B:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:O2	1:B:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:O2	1:B:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:O2	1:B:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:O2	1:B:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:O2	1:B:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:O2	1:B:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:O2	1:B:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:O2	1:B:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:O2	1:B:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:O2	1:B:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:O2	1:B:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:O2	1:B:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:O2	1:B:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:O2	1:B:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:O2	1:B:9:TRP:CG	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:O2	1:B:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:O2	1:B:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:O2	1:B:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:O2	1:B:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:O2	1:B:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:O2	1:B:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:O2	1:B:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:O2	1:B:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:O2	1:B:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:O2	1:B:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:O2	1:B:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:O2	1:B:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:O2	1:B:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:O2	1:B:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:O2	1:B:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:O2	1:B:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:O2	1:B:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:O2	1:B:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:O2	1:B:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:O2	1:B:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:O2	1:B:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:O2	1:B:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:O2	1:B:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:O2	1:B:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:O2	1:B:12:SER:C	6	1.32
(1,26)	2:X:10:DT:O2	1:B:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:O2	1:B:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:O2	1:B:12:SER:H	6	1.32
(1,26)	2:X:10:DT:O2	1:B:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:O2	1:B:12:SER:N	6	1.32
(1,26)	2:X:10:DT:O2	1:B:12:SER:O	6	1.32
(1,26)	2:X:10:DT:O2	1:B:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:O2	1:B:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:O2	1:B:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:O2	1:B:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:O2	1:B:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:O2	1:B:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:O2	1:B:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:O2	1:B:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:O2	1:B:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:O2	1:B:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:O2	1:B:16:ARG:HH12	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:O2	1:B:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:O2	1:B:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:O2	1:B:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:O2	1:B:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:O2	1:B:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:O2	1:B:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:O2	1:B:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:O2	1:B:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:O2	1:B:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:O2	1:B:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:O2	1:B:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:O2	1:B:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:O2	1:B:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:O2	1:B:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:O2	1:B:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:O2	1:B:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:O2	1:B:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:O2	1:B:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:O2	1:B:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:O2	1:B:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:O2	1:B:20:THR:C	6	1.32
(1,26)	2:X:10:DT:O2	1:B:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:O2	1:B:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:O2	1:B:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:O2	1:B:20:THR:H	6	1.32
(1,26)	2:X:10:DT:O2	1:B:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:O2	1:B:20:THR:N	6	1.32
(1,26)	2:X:10:DT:O2	1:B:20:THR:O	6	1.32
(1,26)	2:X:10:DT:O2	1:B:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:O3 [?]	1:A:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:O3 [?]	1:A:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:O3 [?]	1:A:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:O3 [?]	1:A:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:O3 [?]	1:A:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:O3 [?]	1:A:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:O3 [?]	1:A:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:O3 [?]	1:A:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:O3 [?]	1:A:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:O3 [?]	1:A:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:O3 [?]	1:A:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:O3 [?]	1:A:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:O3 [?]	1:A:7:LYS:C	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:O3'	1:A:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:9:TRP:HE1	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:O3'	1:A:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:12:SER:C	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:12:SER:H	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:12:SER:N	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:12:SER:O	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:16:ARG:NH1	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:O3'	1:A:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:20:THR:C	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:20:THR:H	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:20:THR:N	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:20:THR:O	6	1.32
(1,26)	2:X:10:DT:O3'	1:A:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:7:LYS:CG	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:O3'	1:B:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:10:GLY:CA	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:O3'	1:B:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:12:SER:C	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:12:SER:H	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:12:SER:N	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:12:SER:O	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:18:PRO:CB	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:O3'	1:B:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:20:THR:C	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:20:THR:H	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:20:THR:N	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:20:THR:O	6	1.32
(1,26)	2:X:10:DT:O3'	1:B:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:O4	1:A:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:O4	1:A:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:O4	1:A:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:O4	1:A:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:O4	1:A:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:O4	1:A:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:O4	1:A:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:O4	1:A:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:O4	1:A:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:O4	1:A:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:O4	1:A:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:O4	1:A:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:O4	1:A:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:O4	1:A:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:O4	1:A:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:O4	1:A:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:O4	1:A:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:O4	1:A:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:O4	1:A:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:O4	1:A:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:O4	1:A:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:O4	1:A:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:O4	1:A:7:LYS:N	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:O4	1:A:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:O4	1:A:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:O4	1:A:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:O4	1:A:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:O4	1:A:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:O4	1:A:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:O4	1:A:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:O4	1:A:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:O4	1:A:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:O4	1:A:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:O4	1:A:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:O4	1:A:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:O4	1:A:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:O4	1:A:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:O4	1:A:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:O4	1:A:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:O4	1:A:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:O4	1:A:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:O4	1:A:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:O4	1:A:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:O4	1:A:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:O4	1:A:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:O4	1:A:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:O4	1:A:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:O4	1:A:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:O4	1:A:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:O4	1:A:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:O4	1:A:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:O4	1:A:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:O4	1:A:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:O4	1:A:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:O4	1:A:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:O4	1:A:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:O4	1:A:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:O4	1:A:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:O4	1:A:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:O4	1:A:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:O4	1:A:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:O4	1:A:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:O4	1:A:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:O4	1:A:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:O4	1:A:11:ASN:CA	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:O4	1:A:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:O4	1:A:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:O4	1:A:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:O4	1:A:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:O4	1:A:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:O4	1:A:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:O4	1:A:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:O4	1:A:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:O4	1:A:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:O4	1:A:12:SER:C	6	1.32
(1,26)	2:X:10:DT:O4	1:A:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:O4	1:A:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:O4	1:A:12:SER:H	6	1.32
(1,26)	2:X:10:DT:O4	1:A:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:O4	1:A:12:SER:N	6	1.32
(1,26)	2:X:10:DT:O4	1:A:12:SER:O	6	1.32
(1,26)	2:X:10:DT:O4	1:A:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:O4	1:A:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:O4	1:A:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:O4	1:A:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:O4	1:A:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:O4	1:A:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:O4	1:A:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:O4	1:A:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:O4	1:A:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:O4	1:A:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:O4	1:A:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:O4	1:A:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:O4	1:A:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:O4	1:A:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:O4	1:A:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:O4	1:A:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:O4	1:A:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:O4	1:A:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:O4	1:A:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:O4	1:A:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:O4	1:A:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:O4	1:A:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:O4	1:A:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:O4	1:A:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:O4	1:A:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:O4	1:A:19:ALA:C	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:O4	1:A:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:O4	1:A:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:O4	1:A:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:O4	1:A:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:O4	1:A:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:O4	1:A:20:THR:C	6	1.32
(1,26)	2:X:10:DT:O4	1:A:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:O4	1:A:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:O4	1:A:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:O4	1:A:20:THR:H	6	1.32
(1,26)	2:X:10:DT:O4	1:A:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:O4	1:A:20:THR:N	6	1.32
(1,26)	2:X:10:DT:O4	1:A:20:THR:O	6	1.32
(1,26)	2:X:10:DT:O4	1:A:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:O4	1:B:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:O4	1:B:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:O4	1:B:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:O4	1:B:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:O4	1:B:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:O4	1:B:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:O4	1:B:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:O4	1:B:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:O4	1:B:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:O4	1:B:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:O4	1:B:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:O4	1:B:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:O4	1:B:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:O4	1:B:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:O4	1:B:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:O4	1:B:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:O4	1:B:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:O4	1:B:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:O4	1:B:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:O4	1:B:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:O4	1:B:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:O4	1:B:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:O4	1:B:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:O4	1:B:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:O4	1:B:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:O4	1:B:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:O4	1:B:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:O4	1:B:8:ARG:CB	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:O4	1:B:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:O4	1:B:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:O4	1:B:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:O4	1:B:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:O4	1:B:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:O4	1:B:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:O4	1:B:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:O4	1:B:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:O4	1:B:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:O4	1:B:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:O4	1:B:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:O4	1:B:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:O4	1:B:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:O4	1:B:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:O4	1:B:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:O4	1:B:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:O4	1:B:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:O4	1:B:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:O4	1:B:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:O4	1:B:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:O4	1:B:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:O4	1:B:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:O4	1:B:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:O4	1:B:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:O4	1:B:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:O4	1:B:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:O4	1:B:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:O4	1:B:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:O4	1:B:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:O4	1:B:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:O4	1:B:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:O4	1:B:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:O4	1:B:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:O4	1:B:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:O4	1:B:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:O4	1:B:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:O4	1:B:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:O4	1:B:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:O4	1:B:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:O4	1:B:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:O4	1:B:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:O4	1:B:11:ASN:HD22	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:O4	1:B:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:O4	1:B:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:O4	1:B:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:O4	1:B:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:O4	1:B:12:SER:C	6	1.32
(1,26)	2:X:10:DT:O4	1:B:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:O4	1:B:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:O4	1:B:12:SER:H	6	1.32
(1,26)	2:X:10:DT:O4	1:B:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:O4	1:B:12:SER:N	6	1.32
(1,26)	2:X:10:DT:O4	1:B:12:SER:O	6	1.32
(1,26)	2:X:10:DT:O4	1:B:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:O4	1:B:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:O4	1:B:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:O4	1:B:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:O4	1:B:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:O4	1:B:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:O4	1:B:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:O4	1:B:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:O4	1:B:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:O4	1:B:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:O4	1:B:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:O4	1:B:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:O4	1:B:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:O4	1:B:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:O4	1:B:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:O4	1:B:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:O4	1:B:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:O4	1:B:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:O4	1:B:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:O4	1:B:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:O4	1:B:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:O4	1:B:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:O4	1:B:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:O4	1:B:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:O4	1:B:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:O4	1:B:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:O4	1:B:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:O4	1:B:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:O4	1:B:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:O4	1:B:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:O4	1:B:19:ALA:O	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:O4	1:B:20:THR:C	6	1.32
(1,26)	2:X:10:DT:O4	1:B:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:O4	1:B:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:O4	1:B:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:O4	1:B:20:THR:H	6	1.32
(1,26)	2:X:10:DT:O4	1:B:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:O4	1:B:20:THR:N	6	1.32
(1,26)	2:X:10:DT:O4	1:B:20:THR:O	6	1.32
(1,26)	2:X:10:DT:O4	1:B:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:O4 [?]	1:A:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:O4 [?]	1:A:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:O4 [?]	1:A:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:O4 [?]	1:A:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:O4 [?]	1:A:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:O4 [?]	1:A:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:O4 [?]	1:A:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:O4 [?]	1:A:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:O4 [?]	1:A:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:O4 [?]	1:A:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:O4 [?]	1:A:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:O4 [?]	1:A:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:O4 [?]	1:A:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:O4 [?]	1:A:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:O4 [?]	1:A:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:O4 [?]	1:A:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:O4 [?]	1:A:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:O4 [?]	1:A:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:O4 [?]	1:A:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:O4 [?]	1:A:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:O4 [?]	1:A:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:O4 [?]	1:A:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:O4 [?]	1:A:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:O4 [?]	1:A:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:O4 [?]	1:A:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:O4 [?]	1:A:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:O4 [?]	1:A:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:O4 [?]	1:A:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:O4 [?]	1:A:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:O4 [?]	1:A:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:O4 [?]	1:A:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:O4 [?]	1:A:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:O4 [?]	1:A:8:ARG:HE	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:O4'	1:A:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:12:SER:C	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:O4'	1:A:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:12:SER:H	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:12:SER:N	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:12:SER:O	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:20:THR:C	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:20:THR:H	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:O4'	1:A:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:20:THR:N	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:20:THR:O	6	1.32
(1,26)	2:X:10:DT:O4'	1:A:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:8:ARG:N	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:O4'	1:B:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:12:SER:C	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:12:SER:H	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:12:SER:N	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:O4'	1:B:12:SER:O	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:20:THR:C	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:20:THR:H	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:20:THR:N	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:20:THR:O	6	1.32
(1,26)	2:X:10:DT:O4'	1:B:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:O5'	1:A:3:HIS:C	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:O5 ⁷	1:A:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:9:TRP:C	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:O5 ⁷	1:A:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:12:SER:C	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:12:SER:H	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:12:SER:N	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:12:SER:O	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:16:ARG:CB	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:O5 ⁷	1:A:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:20:THR:C	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:20:THR:H	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:20:THR:N	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:20:THR:O	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:A:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:B:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:B:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:B:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:B:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:B:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:O5 ⁷	1:B:3:HIS:CG	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:O5'	1:B:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:9:TRP:CE2	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:O5'	1:B:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:12:SER:C	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:12:SER:H	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:12:SER:N	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:12:SER:O	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:16:ARG:HE	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:O5'	1:B:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:20:THR:C	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:20:THR:H	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:20:THR:N	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:20:THR:O	6	1.32
(1,26)	2:X:10:DT:O5'	1:B:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:3:HIS:NE2	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:OP1	1:A:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:9:TRP:CZ3	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:OP1	1:A:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:12:SER:C	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:12:SER:H	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:12:SER:N	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:12:SER:O	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:16:ARG:N	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:OP1	1:A:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:20:THR:C	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:20:THR:H	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:20:THR:N	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:20:THR:O	6	1.32
(1,26)	2:X:10:DT:OP1	1:A:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:7:LYS:CD	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:OP1	1:B:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:9:TRP:O	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:OP1	1:B:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:12:SER:C	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:12:SER:H	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:12:SER:N	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:12:SER:O	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:18:PRO:C	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:OP1	1:B:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:20:THR:C	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:20:THR:H	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:20:THR:N	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:20:THR:O	6	1.32
(1,26)	2:X:10:DT:OP1	1:B:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:7:LYS:HZ2	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:OP2	1:A:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:10:GLY:O	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:OP2	1:A:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:12:SER:C	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:12:SER:H	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:12:SER:N	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:12:SER:O	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:18:PRO:N	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:OP2	1:A:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:20:THR:C	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:20:THR:H	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:20:THR:N	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:20:THR:O	6	1.32
(1,26)	2:X:10:DT:OP2	1:A:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:8:ARG:C	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:OP2	1:B:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:11:ASN:H	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:OP2	1:B:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:12:SER:C	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:12:SER:H	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:12:SER:N	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:12:SER:O	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:19:ALA:H	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:OP2	1:B:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:20:THR:C	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:20:THR:H	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:20:THR:N	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:20:THR:O	6	1.32
(1,26)	2:X:10:DT:OP2	1:B:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:P	1:A:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:P	1:A:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:P	1:A:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:P	1:A:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:P	1:A:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:P	1:A:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:P	1:A:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:P	1:A:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:P	1:A:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:P	1:A:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:P	1:A:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:P	1:A:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:P	1:A:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:P	1:A:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:P	1:A:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:P	1:A:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:P	1:A:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:P	1:A:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:P	1:A:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:P	1:A:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:P	1:A:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:P	1:A:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:P	1:A:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:P	1:A:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:P	1:A:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:P	1:A:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:P	1:A:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:P	1:A:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:P	1:A:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:P	1:A:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:P	1:A:8:ARG:CZ	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:P	1:A:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:P	1:A:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:P	1:A:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:P	1:A:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:P	1:A:8:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:P	1:A:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:P	1:A:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:P	1:A:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:P	1:A:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:P	1:A:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:P	1:A:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:P	1:A:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:P	1:A:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:P	1:A:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:P	1:A:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:P	1:A:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:P	1:A:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:P	1:A:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:P	1:A:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:P	1:A:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:P	1:A:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:P	1:A:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:P	1:A:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:P	1:A:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:P	1:A:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:P	1:A:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:P	1:A:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:P	1:A:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:P	1:A:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:P	1:A:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:P	1:A:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:P	1:A:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:P	1:A:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:P	1:A:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:P	1:A:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:P	1:A:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:P	1:A:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:P	1:A:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:P	1:A:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:P	1:A:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:P	1:A:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:P	1:A:11:ASN:O	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:P	1:A:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:P	1:A:12:SER:C	6	1.32
(1,26)	2:X:10:DT:P	1:A:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:P	1:A:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:P	1:A:12:SER:H	6	1.32
(1,26)	2:X:10:DT:P	1:A:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:P	1:A:12:SER:N	6	1.32
(1,26)	2:X:10:DT:P	1:A:12:SER:O	6	1.32
(1,26)	2:X:10:DT:P	1:A:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:P	1:A:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:P	1:A:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:P	1:A:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:P	1:A:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:P	1:A:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:P	1:A:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:P	1:A:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:P	1:A:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:P	1:A:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:P	1:A:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:P	1:A:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:P	1:A:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:P	1:A:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:P	1:A:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:P	1:A:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:P	1:A:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:P	1:A:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:P	1:A:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:P	1:A:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:P	1:A:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:P	1:A:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:P	1:A:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:P	1:A:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:P	1:A:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:P	1:A:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:P	1:A:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:P	1:A:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:P	1:A:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:P	1:A:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:P	1:A:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:P	1:A:20:THR:C	6	1.32
(1,26)	2:X:10:DT:P	1:A:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:P	1:A:20:THR:CB	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:P	1:A:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:P	1:A:20:THR:H	6	1.32
(1,26)	2:X:10:DT:P	1:A:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:P	1:A:20:THR:N	6	1.32
(1,26)	2:X:10:DT:P	1:A:20:THR:O	6	1.32
(1,26)	2:X:10:DT:P	1:A:20:THR:OG1	6	1.32
(1,26)	2:X:10:DT:P	1:B:3:HIS:C	6	1.32
(1,26)	2:X:10:DT:P	1:B:3:HIS:CA	6	1.32
(1,26)	2:X:10:DT:P	1:B:3:HIS:CB	6	1.32
(1,26)	2:X:10:DT:P	1:B:3:HIS:CD2	6	1.32
(1,26)	2:X:10:DT:P	1:B:3:HIS:CE1	6	1.32
(1,26)	2:X:10:DT:P	1:B:3:HIS:CG	6	1.32
(1,26)	2:X:10:DT:P	1:B:3:HIS:H	6	1.32
(1,26)	2:X:10:DT:P	1:B:3:HIS:HD1	6	1.32
(1,26)	2:X:10:DT:P	1:B:3:HIS:N	6	1.32
(1,26)	2:X:10:DT:P	1:B:3:HIS:ND1	6	1.32
(1,26)	2:X:10:DT:P	1:B:3:HIS:NE2	6	1.32
(1,26)	2:X:10:DT:P	1:B:3:HIS:O	6	1.32
(1,26)	2:X:10:DT:P	1:B:7:LYS:C	6	1.32
(1,26)	2:X:10:DT:P	1:B:7:LYS:CA	6	1.32
(1,26)	2:X:10:DT:P	1:B:7:LYS:CB	6	1.32
(1,26)	2:X:10:DT:P	1:B:7:LYS:CD	6	1.32
(1,26)	2:X:10:DT:P	1:B:7:LYS:CE	6	1.32
(1,26)	2:X:10:DT:P	1:B:7:LYS:CG	6	1.32
(1,26)	2:X:10:DT:P	1:B:7:LYS:H	6	1.32
(1,26)	2:X:10:DT:P	1:B:7:LYS:HZ1	6	1.32
(1,26)	2:X:10:DT:P	1:B:7:LYS:HZ2	6	1.32
(1,26)	2:X:10:DT:P	1:B:7:LYS:HZ3	6	1.32
(1,26)	2:X:10:DT:P	1:B:7:LYS:N	6	1.32
(1,26)	2:X:10:DT:P	1:B:7:LYS:NZ	6	1.32
(1,26)	2:X:10:DT:P	1:B:7:LYS:O	6	1.32
(1,26)	2:X:10:DT:P	1:B:8:ARG:C	6	1.32
(1,26)	2:X:10:DT:P	1:B:8:ARG:CA	6	1.32
(1,26)	2:X:10:DT:P	1:B:8:ARG:CB	6	1.32
(1,26)	2:X:10:DT:P	1:B:8:ARG:CD	6	1.32
(1,26)	2:X:10:DT:P	1:B:8:ARG:CG	6	1.32
(1,26)	2:X:10:DT:P	1:B:8:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:P	1:B:8:ARG:H	6	1.32
(1,26)	2:X:10:DT:P	1:B:8:ARG:HE	6	1.32
(1,26)	2:X:10:DT:P	1:B:8:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:P	1:B:8:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:P	1:B:8:ARG:HH21	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:P	1:B:8:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:P	1:B:8:ARG:N	6	1.32
(1,26)	2:X:10:DT:P	1:B:8:ARG:NE	6	1.32
(1,26)	2:X:10:DT:P	1:B:8:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:P	1:B:8:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:P	1:B:8:ARG:O	6	1.32
(1,26)	2:X:10:DT:P	1:B:9:TRP:C	6	1.32
(1,26)	2:X:10:DT:P	1:B:9:TRP:CA	6	1.32
(1,26)	2:X:10:DT:P	1:B:9:TRP:CB	6	1.32
(1,26)	2:X:10:DT:P	1:B:9:TRP:CD1	6	1.32
(1,26)	2:X:10:DT:P	1:B:9:TRP:CD2	6	1.32
(1,26)	2:X:10:DT:P	1:B:9:TRP:CE2	6	1.32
(1,26)	2:X:10:DT:P	1:B:9:TRP:CE3	6	1.32
(1,26)	2:X:10:DT:P	1:B:9:TRP:CG	6	1.32
(1,26)	2:X:10:DT:P	1:B:9:TRP:CH2	6	1.32
(1,26)	2:X:10:DT:P	1:B:9:TRP:CZ2	6	1.32
(1,26)	2:X:10:DT:P	1:B:9:TRP:CZ3	6	1.32
(1,26)	2:X:10:DT:P	1:B:9:TRP:H	6	1.32
(1,26)	2:X:10:DT:P	1:B:9:TRP:HE1	6	1.32
(1,26)	2:X:10:DT:P	1:B:9:TRP:N	6	1.32
(1,26)	2:X:10:DT:P	1:B:9:TRP:NE1	6	1.32
(1,26)	2:X:10:DT:P	1:B:9:TRP:O	6	1.32
(1,26)	2:X:10:DT:P	1:B:10:GLY:C	6	1.32
(1,26)	2:X:10:DT:P	1:B:10:GLY:CA	6	1.32
(1,26)	2:X:10:DT:P	1:B:10:GLY:H	6	1.32
(1,26)	2:X:10:DT:P	1:B:10:GLY:N	6	1.32
(1,26)	2:X:10:DT:P	1:B:10:GLY:O	6	1.32
(1,26)	2:X:10:DT:P	1:B:11:ASN:C	6	1.32
(1,26)	2:X:10:DT:P	1:B:11:ASN:CA	6	1.32
(1,26)	2:X:10:DT:P	1:B:11:ASN:CB	6	1.32
(1,26)	2:X:10:DT:P	1:B:11:ASN:CG	6	1.32
(1,26)	2:X:10:DT:P	1:B:11:ASN:H	6	1.32
(1,26)	2:X:10:DT:P	1:B:11:ASN:HD21	6	1.32
(1,26)	2:X:10:DT:P	1:B:11:ASN:HD22	6	1.32
(1,26)	2:X:10:DT:P	1:B:11:ASN:N	6	1.32
(1,26)	2:X:10:DT:P	1:B:11:ASN:ND2	6	1.32
(1,26)	2:X:10:DT:P	1:B:11:ASN:O	6	1.32
(1,26)	2:X:10:DT:P	1:B:11:ASN:OD1	6	1.32
(1,26)	2:X:10:DT:P	1:B:12:SER:C	6	1.32
(1,26)	2:X:10:DT:P	1:B:12:SER:CA	6	1.32
(1,26)	2:X:10:DT:P	1:B:12:SER:CB	6	1.32
(1,26)	2:X:10:DT:P	1:B:12:SER:H	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:P	1:B:12:SER:HG	6	1.32
(1,26)	2:X:10:DT:P	1:B:12:SER:N	6	1.32
(1,26)	2:X:10:DT:P	1:B:12:SER:O	6	1.32
(1,26)	2:X:10:DT:P	1:B:12:SER:OG	6	1.32
(1,26)	2:X:10:DT:P	1:B:16:ARG:C	6	1.32
(1,26)	2:X:10:DT:P	1:B:16:ARG:CA	6	1.32
(1,26)	2:X:10:DT:P	1:B:16:ARG:CB	6	1.32
(1,26)	2:X:10:DT:P	1:B:16:ARG:CD	6	1.32
(1,26)	2:X:10:DT:P	1:B:16:ARG:CG	6	1.32
(1,26)	2:X:10:DT:P	1:B:16:ARG:CZ	6	1.32
(1,26)	2:X:10:DT:P	1:B:16:ARG:H	6	1.32
(1,26)	2:X:10:DT:P	1:B:16:ARG:HE	6	1.32
(1,26)	2:X:10:DT:P	1:B:16:ARG:HH11	6	1.32
(1,26)	2:X:10:DT:P	1:B:16:ARG:HH12	6	1.32
(1,26)	2:X:10:DT:P	1:B:16:ARG:HH21	6	1.32
(1,26)	2:X:10:DT:P	1:B:16:ARG:HH22	6	1.32
(1,26)	2:X:10:DT:P	1:B:16:ARG:N	6	1.32
(1,26)	2:X:10:DT:P	1:B:16:ARG:NE	6	1.32
(1,26)	2:X:10:DT:P	1:B:16:ARG:NH1	6	1.32
(1,26)	2:X:10:DT:P	1:B:16:ARG:NH2	6	1.32
(1,26)	2:X:10:DT:P	1:B:16:ARG:O	6	1.32
(1,26)	2:X:10:DT:P	1:B:18:PRO:C	6	1.32
(1,26)	2:X:10:DT:P	1:B:18:PRO:CA	6	1.32
(1,26)	2:X:10:DT:P	1:B:18:PRO:CB	6	1.32
(1,26)	2:X:10:DT:P	1:B:18:PRO:CD	6	1.32
(1,26)	2:X:10:DT:P	1:B:18:PRO:CG	6	1.32
(1,26)	2:X:10:DT:P	1:B:18:PRO:N	6	1.32
(1,26)	2:X:10:DT:P	1:B:18:PRO:O	6	1.32
(1,26)	2:X:10:DT:P	1:B:19:ALA:C	6	1.32
(1,26)	2:X:10:DT:P	1:B:19:ALA:CA	6	1.32
(1,26)	2:X:10:DT:P	1:B:19:ALA:CB	6	1.32
(1,26)	2:X:10:DT:P	1:B:19:ALA:H	6	1.32
(1,26)	2:X:10:DT:P	1:B:19:ALA:N	6	1.32
(1,26)	2:X:10:DT:P	1:B:19:ALA:O	6	1.32
(1,26)	2:X:10:DT:P	1:B:20:THR:C	6	1.32
(1,26)	2:X:10:DT:P	1:B:20:THR:CA	6	1.32
(1,26)	2:X:10:DT:P	1:B:20:THR:CB	6	1.32
(1,26)	2:X:10:DT:P	1:B:20:THR:CG2	6	1.32
(1,26)	2:X:10:DT:P	1:B:20:THR:H	6	1.32
(1,26)	2:X:10:DT:P	1:B:20:THR:HG1	6	1.32
(1,26)	2:X:10:DT:P	1:B:20:THR:N	6	1.32
(1,26)	2:X:10:DT:P	1:B:20:THR:O	6	1.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,26)	2:X:10:DT:P	1:B:20:THR:OG1	6	1.32
(1,8)	1:A:18:PRO:C	2:X:3:DT:C1'	7	1.28

10 Dihedral-angle violation analysis

No dihedral-angle restraints found