



wwPDB NMR Structure Validation Summary Report ⓘ

Jun 3, 2023 – 10:25 AM EDT

PDB ID : 6CCH
BMRB ID : 30401
Title : NMR data-driven model of GTPase KRas-GMPPNP tethered to a nanodisc (E3 state)
Authors : Fang, Z.; Marshall, C.B.; Nishikawa, T.; Gossert, A.D.; Jansen, J.M.; Jahnke, W.; Ikura, M.
Deposited on : 2018-02-07

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A user guide is available at

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

with specific help available everywhere you see the ⓘ symbol.

The types of validation reports are described at

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

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

MolProbity : 4.02b-467
Mogul : 1.8.5 (274361), CSD as541be (2020)
buster-report : 1.1.7 (2018)
Percentile statistics : 20191225.v01 (using entries in the PDB archive December 25th 2019)
wwPDB-RCI : v_1n_11_5_13_A (Berjanski et al., 2005)
PANAV : Wang et al. (2010)
wwPDB-ShiftChecker : v1.2
BMRB Restraints Analysis : v1.2
Ideal geometry (proteins) : Engh & Huber (2001)
Ideal geometry (DNA, RNA) : Parkinson et al. (1996)
Validation Pipeline (wwPDB-VP) : 2.33

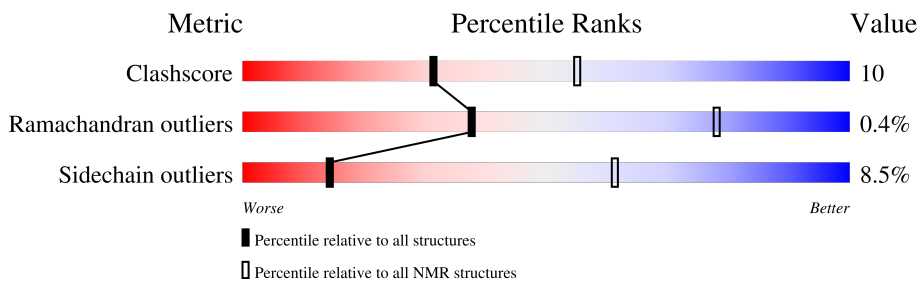
1 Overall quality at a glance

The following experimental techniques were used to determine the structure:

SOLUTION NMR

The overall completeness of chemical shifts assignment is 3%.

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



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

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

Mol	Chain	Length	Quality of chain
1	A	200	
1	C	200	
2	B	187	

2 Ensemble composition and analysis i

This entry contains 7 models. Model 3 is the overall representative, medoid model (most similar to other models). The authors have identified model 1 as representative, based on the following criterion: *lowest energy*.

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

Well-defined (core) protein residues			
Well-defined core	Residue range (total)	Backbone RMSD (Å)	Medoid model
1	A:231-A:395, C:401-C:596 (361)	0.43	3
2	B:1-B:172 (172)	0.73	1

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

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

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

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

3 Entry composition

There are 6 unique types of molecules in this entry. The entry contains 9487 atoms, of which 407 are hydrogens and 0 are deuteriums.

- Molecule 1 is a protein called Apolipoprotein A-I.

Mol	Chain	Residues	Atoms						Trace
			Total	C	H	N	O	S	
1	A	198	1645	1019	22	287	314	3	0
1	C	198	1646	1019	22	287	315	3	0

There are 4 discrepancies between the modelled and reference sequences:

Chain	Residue	Modelled	Actual	Comment	Reference
A	199	GLY	-	expression tag	UNP P02647
A	200	PRO	-	expression tag	UNP P02647
C	397	GLY	-	expression tag	UNP P02647
C	398	PRO	-	expression tag	UNP P02647

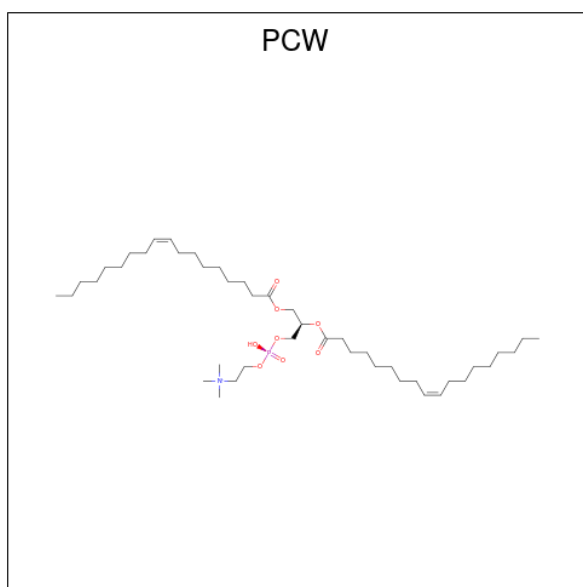
- Molecule 2 is a protein called GTPase KRas.

Mol	Chain	Residues	Atoms						Trace
			Total	C	H	N	O	S	
2	B	185	1843	926	363	257	288	9	0

There are 3 discrepancies between the modelled and reference sequences:

Chain	Residue	Modelled	Actual	Comment	Reference
B	-1	GLY	-	expression tag	UNP P01116
B	0	SER	-	expression tag	UNP P01116
B	12	VAL	GLY	engineered mutation	UNP P01116

- Molecule 3 is 1,2-DIOLEOYL-SN-GLYCERO-3-PHOSPHOCHOLINE (three-letter code: PCW) (formula: $C_{44}H_{85}NO_8P$).



Mol	Chain	Residues	Atoms				
			Total	C	N	O	P
3	A	1	Total	C	N	O	P
			54	44	1	8	1
3	A	1	Total	C	N	O	P
			54	44	1	8	1
3	A	1	Total	C	N	O	P
			54	44	1	8	1
3	A	1	Total	C	N	O	P
			54	44	1	8	1
3	A	1	Total	C	N	O	P
			54	44	1	8	1
3	A	1	Total	C	N	O	P
			54	44	1	8	1
3	A	1	Total	C	N	O	P
			54	44	1	8	1
3	A	1	Total	C	N	O	P
			54	44	1	8	1
3	A	1	Total	C	N	O	P
			54	44	1	8	1
3	A	1	Total	C	N	O	P
			54	44	1	8	1

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Mol	Chain	Residues	Atoms				
3	A	1	Total	C	N	O	P
			54	44	1	8	1
3	A	1	Total	C	N	O	P
			54	44	1	8	1
3	A	1	Total	C	N	O	P
			54	44	1	8	1
3	A	1	Total	C	N	O	P
			54	44	1	8	1
3	A	1	Total	C	N	O	P
			54	44	1	8	1
3	A	1	Total	C	N	O	P
			54	44	1	8	1
3	A	1	Total	C	N	O	P
			54	44	1	8	1
3	A	1	Total	C	N	O	P
			54	44	1	8	1
3	A	1	Total	C	N	O	P
			54	44	1	8	1
3	A	1	Total	C	N	O	P
			54	44	1	8	1
3	A	1	Total	C	N	O	P
			54	44	1	8	1
3	A	1	Total	C	N	O	P
			54	44	1	8	1
3	A	1	Total	C	N	O	P
			54	44	1	8	1
3	A	1	Total	C	N	O	P
			54	44	1	8	1
3	A	1	Total	C	N	O	P
			54	44	1	8	1
3	A	1	Total	C	N	O	P
			54	44	1	8	1
3	A	1	Total	C	N	O	P
			54	44	1	8	1
3	A	1	Total	C	N	O	P
			54	44	1	8	1
3	A	1	Total	C	N	O	P
			54	44	1	8	1
3	A	1	Total	C	N	O	P
			54	44	1	8	1
3	A	1	Total	C	N	O	P
			54	44	1	8	1
3	A	1	Total	C	N	O	P
			54	44	1	8	1
3	A	1	Total	C	N	O	P
			54	44	1	8	1

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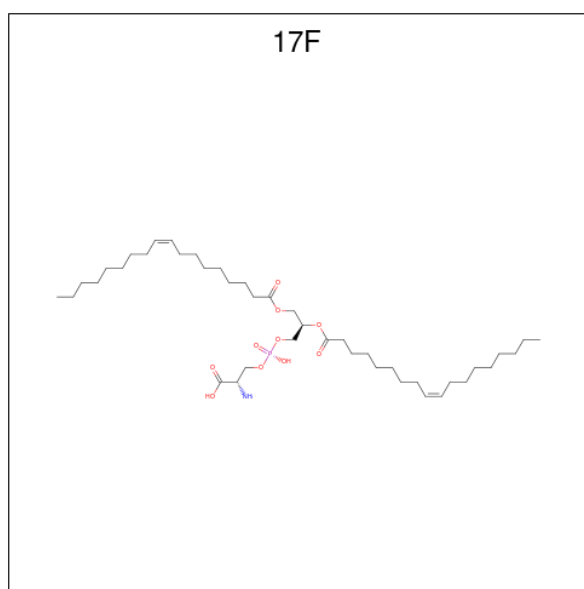
Mol	Chain	Residues	Atoms				
			Total	C	N	O	P
3	A	1	Total 54	C 44	N 1	O 8	P 1
3	A	1	Total 54	C 44	N 1	O 8	P 1
3	A	1	Total 54	C 44	N 1	O 8	P 1
3	A	1	Total 54	C 44	N 1	O 8	P 1
3	A	1	Total 54	C 44	N 1	O 8	P 1
3	A	1	Total 54	C 44	N 1	O 8	P 1
3	A	1	Total 54	C 44	N 1	O 8	P 1
3	A	1	Total 54	C 44	N 1	O 8	P 1
3	A	1	Total 54	C 44	N 1	O 8	P 1
3	A	1	Total 54	C 44	N 1	O 8	P 1
3	A	1	Total 54	C 44	N 1	O 8	P 1
3	A	1	Total 54	C 44	N 1	O 8	P 1
3	A	1	Total 54	C 44	N 1	O 8	P 1
3	A	1	Total 54	C 44	N 1	O 8	P 1
3	A	1	Total 54	C 44	N 1	O 8	P 1
3	A	1	Total 54	C 44	N 1	O 8	P 1
3	A	1	Total 54	C 44	N 1	O 8	P 1
3	A	1	Total 54	C 44	N 1	O 8	P 1
3	A	1	Total 54	C 44	N 1	O 8	P 1
3	A	1	Total 54	C 44	N 1	O 8	P 1
3	A	1	Total 54	C 44	N 1	O 8	P 1
3	A	1	Total 54	C 44	N 1	O 8	P 1
3	A	1	Total 54	C 44	N 1	O 8	P 1
3	A	1	Total 54	C 44	N 1	O 8	P 1
3	A	1	Total 54	C 44	N 1	O 8	P 1
3	A	1	Total 54	C 44	N 1	O 8	P 1

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Mol	Chain	Residues	Atoms				
			Total	C	N	O	P
3	A	1	Total	C	N	O	P
			54	44	1	8	1
3	A	1	Total	C	N	O	P
			54	44	1	8	1
3	A	1	Total	C	N	O	P
			54	44	1	8	1
3	A	1	Total	C	N	O	P
			54	44	1	8	1
3	A	1	Total	C	N	O	P
			54	44	1	8	1
3	A	1	Total	C	N	O	P
			54	44	1	8	1

- Molecule 4 is O-[(S)-({(2R)-2,3-bis[(9Z)-octadec-9-enoyloxy]propyl}oxy)(hydroxy)phosphoryl]-L-serine (three-letter code: 17F) (formula: C₄₂H₇₈NO₁₀P).



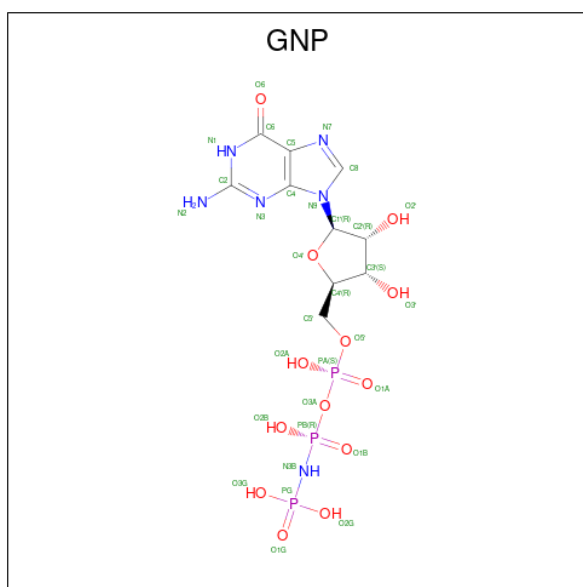
Mol	Chain	Residues	Atoms				
			Total	C	N	O	P
4	A	1	Total	C	N	O	P
			54	42	1	10	1
4	A	1	Total	C	N	O	P
			54	42	1	10	1
4	A	1	Total	C	N	O	P
			54	42	1	10	1

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Mol	Chain	Residues	Atoms				
			Total	C	N	O	P
4	A	1	Total	C	N	O	P
			54	42	1	10	1
4	A	1	Total	C	N	O	P
			54	42	1	10	1
4	A	1	Total	C	N	O	P
			54	42	1	10	1
4	A	1	Total	C	N	O	P
			54	42	1	10	1
4	A	1	Total	C	N	O	P
			54	42	1	10	1
4	A	1	Total	C	N	O	P
			54	42	1	10	1
4	A	1	Total	C	N	O	P
			54	42	1	10	1
4	A	1	Total	C	N	O	P
			54	42	1	10	1
4	A	1	Total	C	N	O	P
			54	42	1	10	1
4	A	1	Total	C	N	O	P
			54	42	1	10	1
4	A	1	Total	C	N	O	P
			54	42	1	10	1

- Molecule 5 is PHOSPHOAMINOPHOSPHONIC ACID-GUANYLATE ESTER (three-letter code: GNP) (formula: C₁₀H₁₇N₆O₁₃P₃).



Mol	Chain	Residues	Atoms				
			Total	C	N	O	P
5	B	1	32	10	6	13	3

- Molecule 6 is MAGNESIUM ION (three-letter code: MG) (formula: Mg).

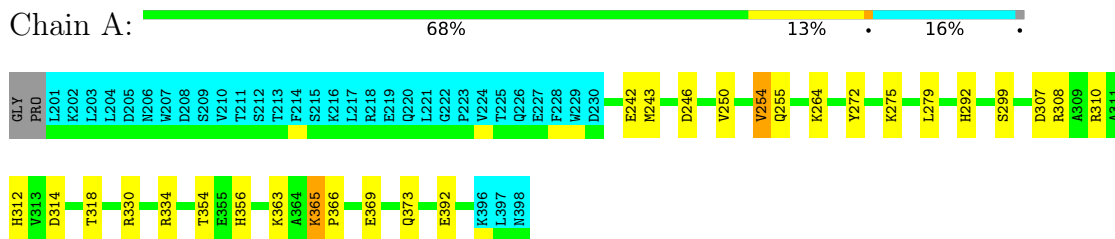
Mol	Chain	Residues	Atoms	
			Total	Mg
6	B	1	1	1

4 Residue-property plots [i](#)

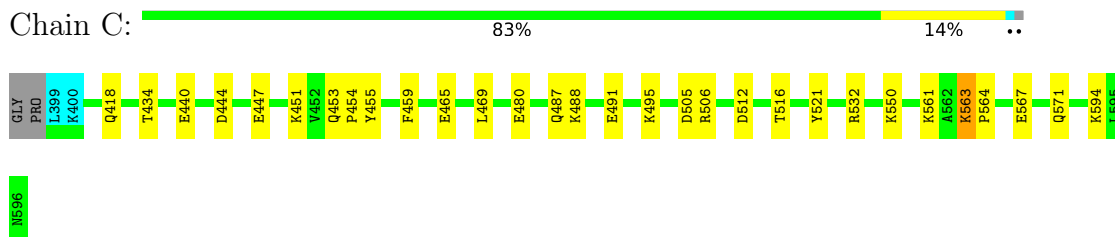
4.1 Average score per residue in the NMR ensemble

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

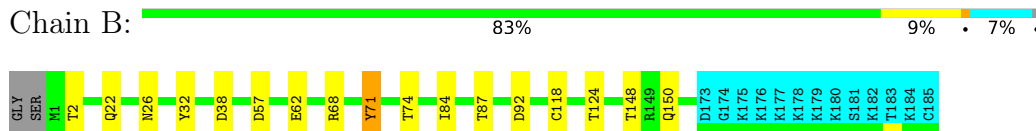
- Molecule 1: Apolipoprotein A-I



- Molecule 1: Apolipoprotein A-I



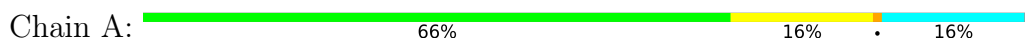
- Molecule 2: GTPase KRas

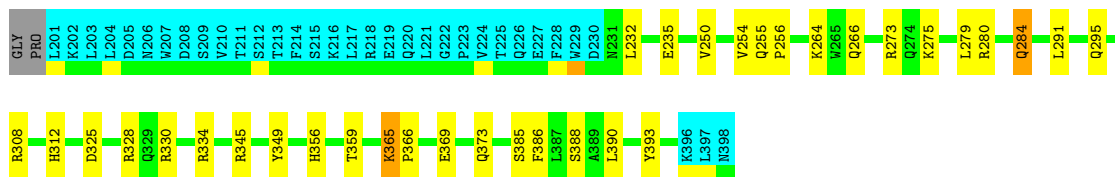


4.2 Residue scores for the representative (medoid) model from the NMR ensemble

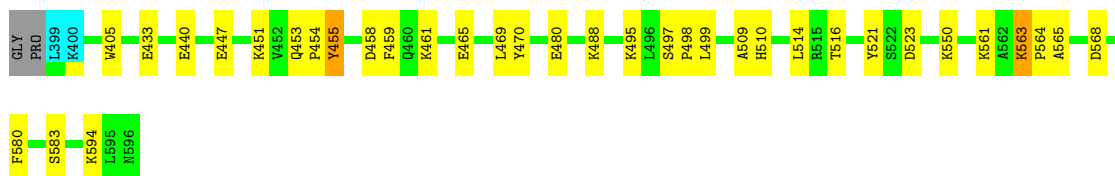
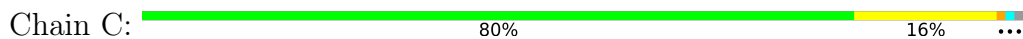
The representative model is number 3. Colouring as in section 4.1 above.

- Molecule 1: Apolipoprotein A-I

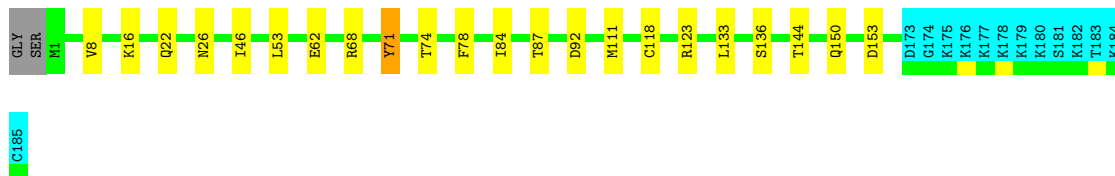
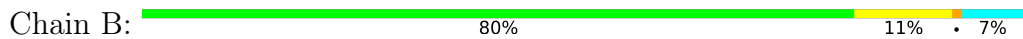




● Molecule 1: Apolipoprotein A-I



● Molecule 2: GTPase KRas



5 Refinement protocol and experimental data overview

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

Of the 3000 calculated structures, 7 were deposited, based on the following criterion: *structures with the lowest energy*.

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

Software name	Classification	Version
HADDOCK	structure calculation	
CNS	refinement	

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

Chemical shift file(s)	working_cs.cif
Number of chemical shift lists	1
Total number of shifts	268
Number of shifts mapped to atoms	193
Number of unparsed shifts	0
Number of shifts with mapping errors	75
Number of shifts with mapping warnings	0
Assignment completeness (well-defined parts)	3%

6 Model quality [i](#)

6.1 Standard geometry [i](#)

Bond lengths and bond angles in the following residue types are not validated in this section: 17F, MG, PCW, GNP

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

There are no bond-length outliers.

There are no bond-angle outliers.

There are no chirality outliers.

There are no planarity outliers.

6.2 Too-close contacts [i](#)

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

Mol	Chain	Non-H	H(model)	H(added)	Clashes
1	A	1347	18	1355	30±7
1	C	1607	22	1601	41±15
2	B	1376	323	1366	12±4
3	A	3456	0	5374	126±20
4	A	864	0	1216	47±4
5	B	32	0	13	1±1
All	All	60781	2541	76490	1312

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

5 of 1071 unique clashes are listed below, sorted by their clash magnitude.

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
3:A:8:PCW:H272	1:C:459:PHE:CZ	1.65	1.18	6	1
3:A:15:PCW:H281	1:C:554:HIS:CE1	1.64	1.26	6	1
3:A:15:PCW:C28	1:C:554:HIS:CE1	1.55	1.85	6	1
3:A:65:PCW:H281	1:C:488:LYS:CE	1.54	1.23	6	2
1:A:308:ARG:CD	1:C:469:LEU:HD11	1.51	1.34	1	1

6.3 Torsion angles [i](#)

6.3.1 Protein backbone [i](#)

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

Mol	Chain	Analysed	Favoured	Allowed	Outliers	Percentiles	
1	A	165/200 (82%)	161±1 (98±1%)	3±1 (2±1%)	1±0 (1±0%)	29	74
1	C	195/200 (98%)	190±1 (97±1%)	4±1 (2±1%)	1±0 (1±0%)	29	74
2	B	171/187 (91%)	164±3 (96±2%)	7±3 (4±2%)	0±0 (0±0%)	54	85
All	All	3717/4109 (90%)	3605 (97%)	96 (3%)	16 (0%)	38	78

All 4 unique Ramachandran outliers are listed below. They are sorted by the frequency of occurrence in the ensemble.

Mol	Chain	Res	Type	Models (Total)
1	A	365	LYS	7
1	C	563	LYS	7
1	C	420	GLY	1
2	B	36	ILE	1

6.3.2 Protein sidechains [i](#)

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

Mol	Chain	Analysed	Rotameric	Outliers	Percentiles	
1	A	142/175 (81%)	130±3 (92±2%)	12±3 (8±2%)	15	62
1	C	172/175 (98%)	157±2 (91±1%)	15±2 (9±1%)	13	60
2	B	153/166 (92%)	140±4 (92±3%)	13±4 (8±3%)	14	61
All	All	3269/3612 (91%)	2991 (91%)	278 (9%)	14	61

5 of 142 unique residues with a non-rotameric sidechain are listed below. They are sorted by the frequency of occurrence in the ensemble.

Mol	Chain	Res	Type	Models (Total)
2	B	74	THR	7
2	B	92	ASP	7
1	A	254	VAL	6
1	A	312	HIS	6
1	C	550	LYS	6

6.3.3 RNA [i](#)

There are no RNA molecules in this entry.

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

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

6.5 Carbohydrates [i](#)

There are no monosaccharides in this entry.

6.6 Ligand geometry [i](#)

Of 82 ligands modelled in this entry, 1 is monoatomic - leaving 81 for Mogul analysis.

In the following table, the Counts columns list the number of bonds for which Mogul statistics could be retrieved, the number of bonds that are observed in the model and the number of bonds that are defined in the chemical component dictionary. The Link column lists molecule types, if any, to which the group is linked. The Z score for a bond length is the number of standard deviations the observed value is removed from the expected value. A bond length with $|Z| > 2$ is considered an outlier worth inspection. RMSZ is the average root-mean-square of all Z scores of the bond lengths.

Mol	Type	Chain	Res	Link	Bond lengths		
					Counts	RMSZ	#Z>2
3	PCW	A	41	-	53,53,53	1.02±0.01	4±0 (7±0%)
3	PCW	A	43	-	53,53,53	1.03±0.01	4±1 (7±1%)
3	PCW	A	29	-	53,53,53	1.02±0.01	4±0 (7±0%)
3	PCW	A	65	-	53,53,53	1.03±0.00	5±0 (9±0%)
3	PCW	A	60	-	53,53,53	1.03±0.01	4±0 (7±0%)
3	PCW	A	2	-	53,53,53	1.03±0.00	4±0 (7±0%)
3	PCW	A	16	-	53,53,53	1.03±0.01	5±0 (9±0%)
4	17F	A	35	-	52,53,53	0.90±0.01	1±0 (1±0%)

Mol	Type	Chain	Res	Link	Bond lengths		
					Counts	RMSZ	#Z>2
4	17F	A	80	-	52,53,53	0.89±0.01	1±0 (1±0%)
3	PCW	A	54	-	53,53,53	1.03±0.01	4±0 (7±0%)
3	PCW	A	64	-	53,53,53	1.03±0.01	4±0 (8±0%)
3	PCW	A	24	-	53,53,53	1.03±0.01	4±0 (7±0%)
4	17F	A	37	-	52,53,53	0.90±0.00	1±0 (1±0%)
4	17F	A	39	-	52,53,53	0.89±0.00	1±0 (1±0%)
3	PCW	A	12	-	53,53,53	1.03±0.01	5±0 (9±0%)
3	PCW	A	17	-	53,53,53	1.02±0.01	4±0 (7±0%)
3	PCW	A	56	-	53,53,53	1.02±0.01	4±0 (7±0%)
3	PCW	A	57	-	53,53,53	1.03±0.01	4±0 (7±0%)
4	17F	A	79	-	52,53,53	0.90±0.01	1±0 (1±0%)
3	PCW	A	14	-	53,53,53	1.03±0.00	4±0 (7±0%)
4	17F	A	78	-	52,53,53	0.90±0.00	1±0 (1±0%)
3	PCW	A	11	-	53,53,53	1.04±0.01	5±0 (9±0%)
3	PCW	A	31	-	53,53,53	1.03±0.01	4±0 (7±0%)
4	17F	A	40	-	52,53,53	0.90±0.01	1±0 (1±0%)
4	17F	A	34	-	52,53,53	0.90±0.01	1±0 (1±0%)
3	PCW	A	30	-	53,53,53	1.03±0.01	5±0 (9±0%)
3	PCW	A	47	-	53,53,53	1.04±0.01	5±0 (9±0%)
3	PCW	A	32	-	53,53,53	1.04±0.01	5±0 (9±0%)
3	PCW	A	66	-	53,53,53	1.03±0.01	5±0 (9±0%)
4	17F	A	73	-	52,53,53	0.90±0.01	1±0 (1±0%)
3	PCW	A	25	-	53,53,53	1.03±0.01	4±0 (7±0%)
3	PCW	A	62	-	53,53,53	1.03±0.01	4±0 (7±0%)
3	PCW	A	1	-	53,53,53	1.03±0.01	4±0 (7±0%)
3	PCW	A	21	-	53,53,53	1.02±0.01	4±0 (7±0%)
3	PCW	A	46	-	53,53,53	1.02±0.00	4±0 (7±0%)
3	PCW	A	63	-	53,53,53	1.02±0.01	4±0 (7±0%)
3	PCW	A	67	-	53,53,53	1.03±0.01	4±0 (7±0%)
3	PCW	A	69	-	53,53,53	1.03±0.01	5±0 (8±0%)
3	PCW	A	28	-	53,53,53	1.03±0.01	4±0 (7±0%)
3	PCW	A	72	-	53,53,53	1.03±0.01	5±1 (9±1%)
3	PCW	A	45	-	53,53,53	1.03±0.01	4±0 (7±0%)
3	PCW	A	15	-	53,53,53	1.03±0.01	5±1 (9±1%)
3	PCW	A	59	-	53,53,53	1.04±0.01	4±0 (7±0%)

Mol	Type	Chain	Res	Link	Bond lengths		
					Counts	RMSZ	#Z>2
4	17F	A	36	-	52,53,53	0.89±0.01	1±0 (1±0%)
3	PCW	A	71	-	53,53,53	1.02±0.01	4±0 (7±0%)
3	PCW	A	70	-	53,53,53	1.02±0.01	4±1 (7±1%)
3	PCW	A	48	-	53,53,53	1.02±0.01	5±0 (9±0%)
3	PCW	A	27	-	53,53,53	1.05±0.01	5±0 (9±0%)
3	PCW	A	52	-	53,53,53	1.03±0.01	4±0 (7±0%)
3	PCW	A	13	-	53,53,53	1.03±0.01	4±0 (7±0%)
5	GNP	B	201	-	29,34,34	1.78±0.02	7±0 (24±0%)
3	PCW	A	53	-	53,53,53	1.03±0.01	4±0 (7±0%)
3	PCW	A	20	-	53,53,53	1.03±0.01	4±0 (8±0%)
3	PCW	A	4	-	53,53,53	1.03±0.01	4±0 (7±0%)
3	PCW	A	3	-	53,53,53	1.03±0.01	4±0 (7±0%)
3	PCW	A	18	-	53,53,53	1.02±0.01	4±0 (7±0%)
4	17F	A	33	-	52,53,53	0.89±0.01	1±0 (1±0%)
3	PCW	A	55	-	53,53,53	1.05±0.01	5±0 (9±0%)
3	PCW	A	26	-	53,53,53	1.03±0.01	4±0 (7±0%)
4	17F	A	74	-	52,53,53	0.89±0.00	1±0 (1±0%)
3	PCW	A	6	-	53,53,53	1.04±0.01	4±0 (7±0%)
3	PCW	A	22	-	53,53,53	1.02±0.00	4±0 (7±0%)
3	PCW	A	44	-	53,53,53	1.03±0.01	4±0 (7±0%)
3	PCW	A	50	-	53,53,53	1.03±0.01	5±0 (9±0%)
3	PCW	A	51	-	53,53,53	1.02±0.01	4±1 (7±1%)
3	PCW	A	5	-	53,53,53	1.03±0.01	4±0 (7±0%)
4	17F	A	76	-	52,53,53	0.89±0.01	1±0 (1±0%)
4	17F	A	77	-	52,53,53	0.89±0.01	1±0 (1±0%)
3	PCW	A	58	-	53,53,53	1.02±0.01	4±0 (7±0%)
3	PCW	A	7	-	53,53,53	1.03±0.00	5±0 (9±0%)
4	17F	A	75	-	52,53,53	0.90±0.00	1±0 (1±0%)
3	PCW	A	9	-	53,53,53	1.03±0.01	5±0 (9±0%)
3	PCW	A	68	-	53,53,53	1.03±0.01	4±0 (7±0%)
3	PCW	A	49	-	53,53,53	1.03±0.01	4±0 (7±0%)
4	17F	A	38	-	52,53,53	0.90±0.01	1±0 (2±0%)
3	PCW	A	61	-	53,53,53	1.03±0.01	4±0 (7±0%)
3	PCW	A	10	-	53,53,53	1.03±0.01	4±0 (8±0%)
3	PCW	A	42	-	53,53,53	1.03±0.01	4±1 (7±1%)

Mol	Type	Chain	Res	Link	Bond lengths		
					Counts	RMSZ	#Z>2
3	PCW	A	19	-	53,53,53	1.03±0.01	5±0 (8±0%)
3	PCW	A	8	-	53,53,53	1.03±0.01	5±0 (9±0%)
3	PCW	A	23	-	53,53,53	1.03±0.01	4±0 (7±0%)

In the following table, the Counts columns list the number of angles for which Mogul statistics could be retrieved, the number of angles that are observed in the model and the number of angles that are defined in the chemical component dictionary. The Link column lists molecule types, if any, to which the group is linked. The Z score for a bond angle is the number of standard deviations the observed value is removed from the expected value. A bond angle with $|Z| > 2$ is considered an outlier worth inspection. RMSZ is the average root-mean-square of all Z scores of the bond angles.

Mol	Type	Chain	Res	Link	Bond angles		
					Counts	RMSZ	#Z>2
3	PCW	A	41	-	59,61,61	2.35±0.00	5±0 (8±0%)
3	PCW	A	43	-	59,61,61	2.35±0.01	5±0 (8±0%)
3	PCW	A	29	-	59,61,61	2.35±0.00	5±0 (8±0%)
3	PCW	A	65	-	59,61,61	0.84±0.01	1±0 (1±0%)
3	PCW	A	60	-	59,61,61	2.35±0.01	5±0 (8±0%)
3	PCW	A	2	-	59,61,61	2.35±0.01	5±0 (8±0%)
3	PCW	A	16	-	59,61,61	0.84±0.01	1±0 (1±0%)
4	17F	A	35	-	56,60,60	1.08±0.01	6±0 (10±0%)
4	17F	A	80	-	56,60,60	1.08±0.02	5±0 (8±0%)
3	PCW	A	54	-	59,61,61	2.35±0.01	5±0 (8±0%)
3	PCW	A	64	-	59,61,61	2.35±0.01	5±0 (8±0%)
3	PCW	A	24	-	59,61,61	2.35±0.00	5±0 (8±0%)
4	17F	A	37	-	56,60,60	1.09±0.01	6±0 (10±0%)
4	17F	A	39	-	56,60,60	1.10±0.02	6±0 (10±0%)
3	PCW	A	12	-	59,61,61	0.84±0.01	1±0 (1±0%)
3	PCW	A	17	-	59,61,61	2.35±0.00	5±0 (8±0%)
3	PCW	A	56	-	59,61,61	2.34±0.00	5±0 (8±0%)
3	PCW	A	57	-	59,61,61	2.35±0.00	5±0 (8±0%)
4	17F	A	79	-	56,60,60	1.09±0.02	6±0 (10±0%)
3	PCW	A	14	-	59,61,61	2.35±0.00	5±0 (8±0%)
4	17F	A	78	-	56,60,60	1.10±0.02	6±0 (10±0%)
3	PCW	A	11	-	59,61,61	0.84±0.01	1±0 (1±0%)
3	PCW	A	31	-	59,61,61	2.35±0.00	5±0 (8±0%)

Mol	Type	Chain	Res	Link	Counts	Bond angles	
						RMSZ	#Z>2
4	17F	A	40	-	56,60,60	1.07±0.01	6±0 (10±0%)
4	17F	A	34	-	56,60,60	1.08±0.02	6±0 (10±0%)
3	PCW	A	30	-	59,61,61	0.83±0.01	1±0 (1±0%)
3	PCW	A	47	-	59,61,61	0.84±0.01	1±0 (1±0%)
3	PCW	A	32	-	59,61,61	0.84±0.01	1±0 (1±0%)
3	PCW	A	66	-	59,61,61	0.84±0.01	1±0 (1±0%)
4	17F	A	73	-	56,60,60	1.09±0.02	6±0 (10±0%)
3	PCW	A	25	-	59,61,61	2.35±0.01	5±0 (8±0%)
3	PCW	A	62	-	59,61,61	2.35±0.00	5±0 (8±0%)
3	PCW	A	1	-	59,61,61	2.35±0.01	5±0 (8±0%)
3	PCW	A	21	-	59,61,61	2.35±0.01	5±0 (8±0%)
3	PCW	A	46	-	59,61,61	2.35±0.00	5±0 (8±0%)
3	PCW	A	63	-	59,61,61	2.79±0.01	9±0 (15±0%)
3	PCW	A	67	-	59,61,61	2.35±0.00	5±0 (8±0%)
3	PCW	A	69	-	59,61,61	2.35±0.00	5±0 (8±0%)
3	PCW	A	28	-	59,61,61	2.35±0.01	5±0 (8±0%)
3	PCW	A	72	-	59,61,61	0.83±0.01	1±0 (1±0%)
3	PCW	A	45	-	59,61,61	2.35±0.01	5±0 (8±0%)
3	PCW	A	15	-	59,61,61	0.85±0.01	1±0 (1±0%)
3	PCW	A	59	-	59,61,61	2.35±0.00	5±0 (8±0%)
4	17F	A	36	-	56,60,60	1.11±0.03	6±0 (10±0%)
3	PCW	A	71	-	59,61,61	2.35±0.01	5±0 (8±0%)
3	PCW	A	70	-	59,61,61	2.35±0.01	5±0 (8±0%)
3	PCW	A	48	-	59,61,61	0.84±0.01	1±0 (1±0%)
3	PCW	A	27	-	59,61,61	0.83±0.01	1±0 (1±0%)
3	PCW	A	52	-	59,61,61	2.35±0.01	5±0 (8±0%)
3	PCW	A	13	-	59,61,61	2.35±0.00	5±0 (8±0%)
5	GNP	B	201	-	33,54,54	2.08±0.02	6±1 (19±2%)
3	PCW	A	53	-	59,61,61	2.35±0.01	5±0 (8±0%)
3	PCW	A	20	-	59,61,61	2.35±0.00	5±0 (8±0%)
3	PCW	A	4	-	59,61,61	2.35±0.01	5±0 (8±0%)
3	PCW	A	3	-	59,61,61	2.35±0.01	5±0 (8±0%)
3	PCW	A	18	-	59,61,61	2.35±0.00	5±0 (8±0%)
4	17F	A	33	-	56,60,60	1.74±0.01	10±0 (17±0%)
3	PCW	A	55	-	59,61,61	0.83±0.01	1±0 (1±0%)

Mol	Type	Chain	Res	Link	Counts	Bond angles	
						RMSZ	#Z>2
3	PCW	A	26	-	59,61,61	2.35±0.00	5±0 (8±0%)
4	17F	A	74	-	56,60,60	1.13±0.01	6±1 (10±1%)
3	PCW	A	6	-	59,61,61	2.78±0.01	10±0 (16±0%)
3	PCW	A	22	-	59,61,61	2.35±0.01	5±0 (8±0%)
3	PCW	A	44	-	59,61,61	2.34±0.00	5±0 (8±0%)
3	PCW	A	50	-	59,61,61	0.84±0.01	1±0 (1±0%)
3	PCW	A	51	-	59,61,61	2.35±0.00	5±0 (8±0%)
3	PCW	A	5	-	59,61,61	2.35±0.01	5±0 (8±0%)
4	17F	A	76	-	56,60,60	1.08±0.02	6±0 (10±0%)
4	17F	A	77	-	56,60,60	1.76±0.02	11±0 (19±0%)
3	PCW	A	58	-	59,61,61	2.35±0.01	5±0 (8±0%)
3	PCW	A	7	-	59,61,61	0.84±0.01	1±0 (1±0%)
4	17F	A	75	-	56,60,60	1.08±0.02	6±0 (10±0%)
3	PCW	A	9	-	59,61,61	0.84±0.01	1±0 (1±0%)
3	PCW	A	68	-	59,61,61	2.35±0.00	5±0 (8±0%)
3	PCW	A	49	-	59,61,61	2.35±0.01	5±0 (8±0%)
4	17F	A	38	-	56,60,60	1.08±0.02	6±0 (10±0%)
3	PCW	A	61	-	59,61,61	2.35±0.01	5±0 (8±0%)
3	PCW	A	10	-	59,61,61	2.35±0.00	5±0 (8±0%)
3	PCW	A	42	-	59,61,61	2.35±0.01	5±0 (8±0%)
3	PCW	A	19	-	59,61,61	0.84±0.01	1±0 (1±0%)
3	PCW	A	8	-	59,61,61	0.84±0.01	1±0 (1±0%)
3	PCW	A	23	-	59,61,61	2.35±0.00	5±0 (8±0%)

In the following table, the Chirals column lists the number of chiral outliers, the number of chiral centers analysed, the number of these observed in the model and the number defined in the chemical component dictionary. Similar counts are reported in the Torsion and Rings columns. '-' means no outliers of that kind were identified.

Mol	Type	Chain	Res	Link	Chirals	Torsions	Rings
3	PCW	A	54	-	-	0±0,57,57,57	-
4	17F	A	37	-	-	0±0,59,59,59	-
4	17F	A	39	-	-	0±0,59,59,59	-
3	PCW	A	14	-	-	0±0,57,57,57	-
4	17F	A	78	-	-	0±0,59,59,59	-
3	PCW	A	21	-	-	0±0,57,57,57	-
3	PCW	A	28	-	-	0±0,57,57,57	-

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Mol	Type	Chain	Res	Link	Chirals	Torsions	Rings
3	PCW	A	15	-	-	0±0,57,57,57	-
3	PCW	A	1	-	-	0±0,57,57,57	-
3	PCW	A	48	-	-	0±0,57,57,57	-
3	PCW	A	62	-	-	0±0,57,57,57	-
3	PCW	A	13	-	-	0±0,57,57,57	-
3	PCW	A	18	-	-	0±0,57,57,57	-
3	PCW	A	6	-	-	0±0,57,57,57	-
4	17F	A	35	-	-	0±0,59,59,59	-
3	PCW	A	25	-	-	0±0,57,57,57	-
3	PCW	A	71	-	-	0±0,57,57,57	-
3	PCW	A	64	-	-	0±0,57,57,57	-
3	PCW	A	67	-	-	0±0,57,57,57	-
3	PCW	A	31	-	-	0±0,57,57,57	-
3	PCW	A	4	-	-	0±0,57,57,57	-
3	PCW	A	17	-	-	0±0,57,57,57	-
4	17F	A	75	-	-	0±0,59,59,59	-
3	PCW	A	5	-	-	0±0,57,57,57	-
3	PCW	A	61	-	-	0±0,57,57,57	-
3	PCW	A	30	-	-	0±0,57,57,57	-
3	PCW	A	16	-	-	0±0,57,57,57	-
3	PCW	A	63	-	-	0±0,57,57,57	-
4	17F	A	80	-	-	0±0,59,59,59	-
3	PCW	A	22	-	-	0±0,57,57,57	-
4	17F	A	77	-	-	0±0,59,59,59	-
3	PCW	A	60	-	-	0±0,57,57,57	-
3	PCW	A	9	-	-	0±0,57,57,57	-
3	PCW	A	20	-	-	0±0,57,57,57	-
3	PCW	A	19	-	-	0±0,57,57,57	-
3	PCW	A	72	-	-	0±0,57,57,57	-
3	PCW	A	46	-	-	0±0,57,57,57	-
3	PCW	A	44	-	-	0±0,57,57,57	-
4	17F	A	33	-	-	0±0,59,59,59	-
3	PCW	A	58	-	-	0±0,57,57,57	-
3	PCW	A	70	-	-	0±0,57,57,57	-
3	PCW	A	57	-	-	0±0,57,57,57	-
3	PCW	A	56	-	-	0±0,57,57,57	-
3	PCW	A	65	-	-	0±0,57,57,57	-
4	17F	A	74	-	-	0±0,59,59,59	-
4	17F	A	73	-	-	0±0,59,59,59	-
3	PCW	A	11	-	-	0±0,57,57,57	-
3	PCW	A	12	-	-	0±0,57,57,57	-
4	17F	A	79	-	-	0±0,59,59,59	-

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Mol	Type	Chain	Res	Link	Chirals	Torsions	Rings
3	PCW	A	7	-	-	0±0,57,57,57	-
3	PCW	A	53	-	-	0±0,57,57,57	-
3	PCW	A	8	-	-	0±0,57,57,57	-
4	17F	A	36	-	-	0±0,59,59,59	-
3	PCW	A	68	-	-	0±0,57,57,57	-
3	PCW	A	45	-	-	0±0,57,57,57	-
3	PCW	A	42	-	-	0±0,57,57,57	-
3	PCW	A	66	-	-	0±0,57,57,57	-
3	PCW	A	51	-	-	0±0,57,57,57	-
3	PCW	A	29	-	-	0±0,57,57,57	-
3	PCW	A	49	-	-	0±0,57,57,57	-
3	PCW	A	23	-	-	0±0,57,57,57	-
3	PCW	A	43	-	-	0±0,57,57,57	-
3	PCW	A	47	-	-	0±0,57,57,57	-
4	17F	A	38	-	-	0±0,59,59,59	-
3	PCW	A	26	-	-	0±0,57,57,57	-
3	PCW	A	2	-	-	0±0,57,57,57	-
3	PCW	A	3	-	-	0±0,57,57,57	-
3	PCW	A	50	-	-	0±0,57,57,57	-
3	PCW	A	32	-	-	0±0,57,57,57	-
3	PCW	A	41	-	-	0±0,57,57,57	-
3	PCW	A	69	-	-	0±0,57,57,57	-
3	PCW	A	24	-	-	0±0,57,57,57	-
3	PCW	A	59	-	-	0±0,57,57,57	-
5	GNP	B	201	-	-	0±0,14,38,38	0±0,3,3,3
3	PCW	A	10	-	-	0±0,57,57,57	-
4	17F	A	76	-	-	0±0,59,59,59	-
4	17F	A	40	-	-	0±0,59,59,59	-
4	17F	A	34	-	-	0±0,59,59,59	-
3	PCW	A	52	-	-	0±0,57,57,57	-
3	PCW	A	55	-	-	0±0,57,57,57	-
3	PCW	A	27	-	-	0±0,57,57,57	-

5 of 326 unique bond outliers are listed below. They are sorted according to the Z-score of the worst occurrence in the ensemble.

Mol	Chain	Res	Type	Atoms	Z	Observed(Å)	Ideal(Å)	Models	
								Worst	Total
5	B	201	GNP	PG-O1G	4.45	1.53	1.46	5	7
5	B	201	GNP	PB-O2B	3.89	1.46	1.56	6	7
5	B	201	GNP	PG-O3G	3.44	1.47	1.56	7	7
5	B	201	GNP	PB-O3A	2.91	1.55	1.59	7	7
5	B	201	GNP	PG-O2G	2.83	1.49	1.56	7	7

5 of 393 unique angle outliers are listed below. They are sorted according to the Z-score of the worst occurrence in the ensemble.

Mol	Chain	Res	Type	Atoms	Z	Observed(°)	Ideal(°)	Models	
								Worst	Total
3	A	43	PCW	C8-N-C7	12.31	77.31	108.97	5	7
3	A	53	PCW	C8-N-C7	12.25	77.49	108.97	6	7
3	A	41	PCW	C8-N-C7	12.24	77.50	108.97	3	7
3	A	59	PCW	C8-N-C7	12.24	77.50	108.97	5	7
3	A	45	PCW	C8-N-C7	12.24	77.50	108.97	5	7

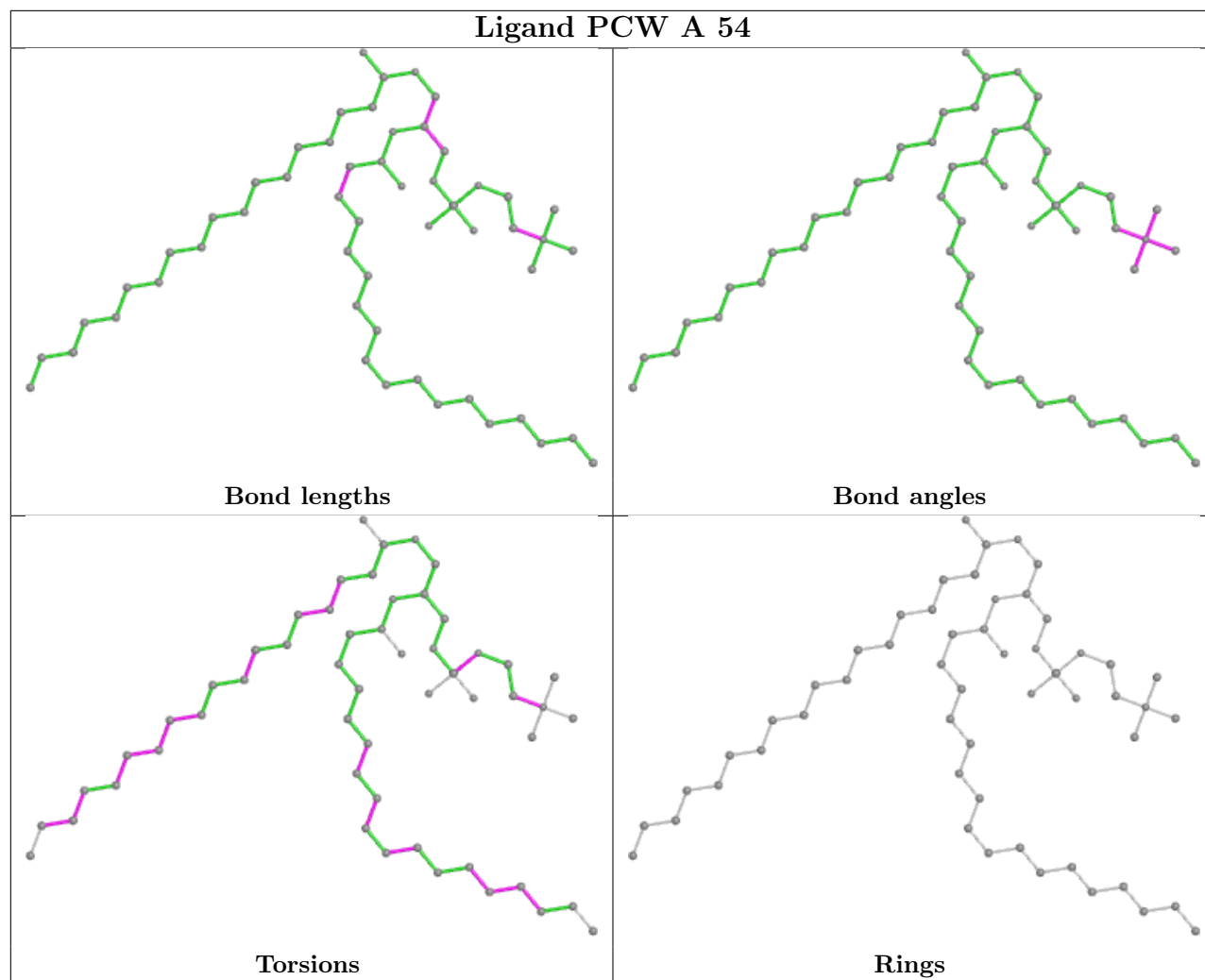
There are no chirality outliers.

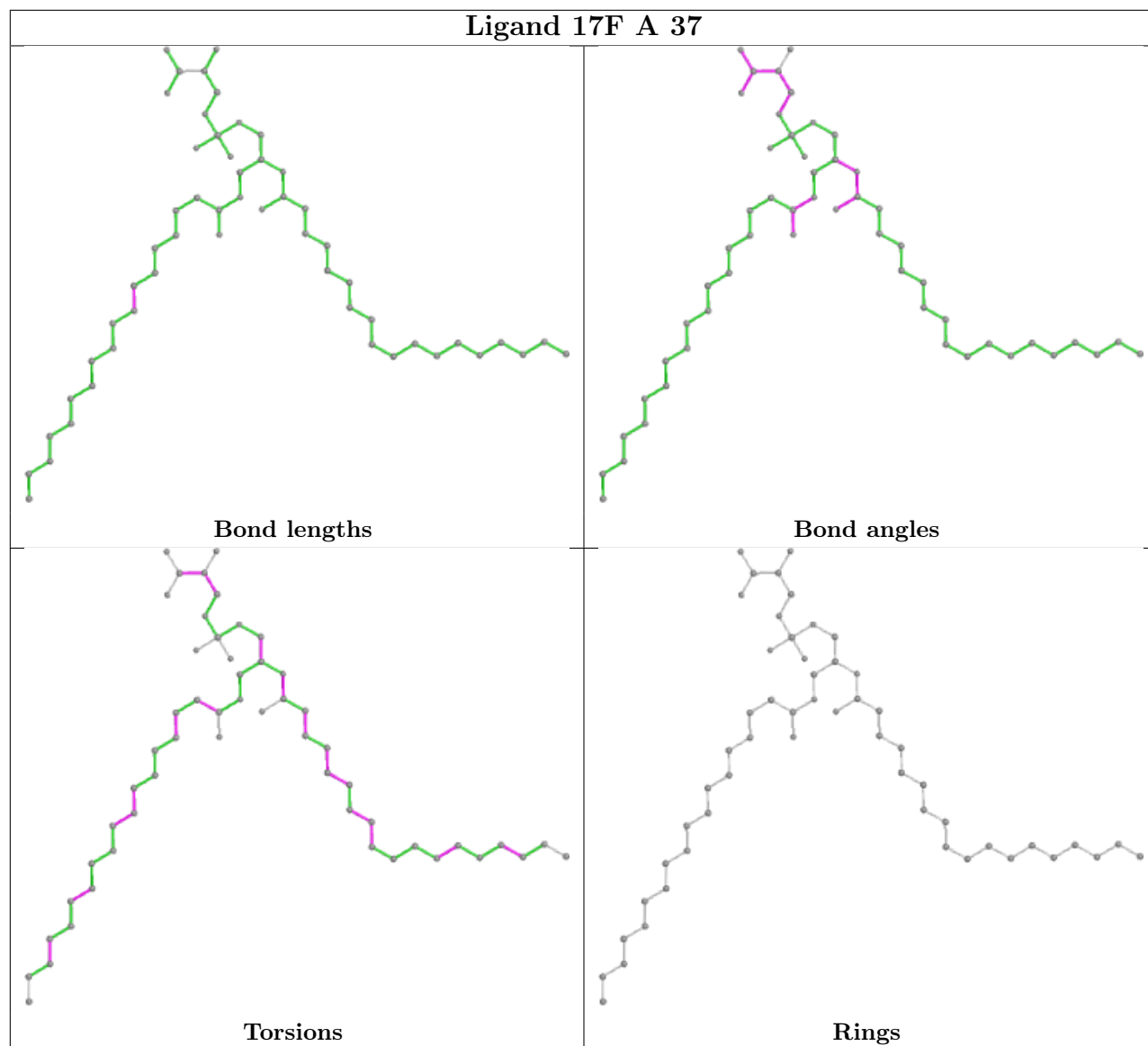
All unique torsion outliers are listed below. They are sorted by the frequency of occurrence in the ensemble.

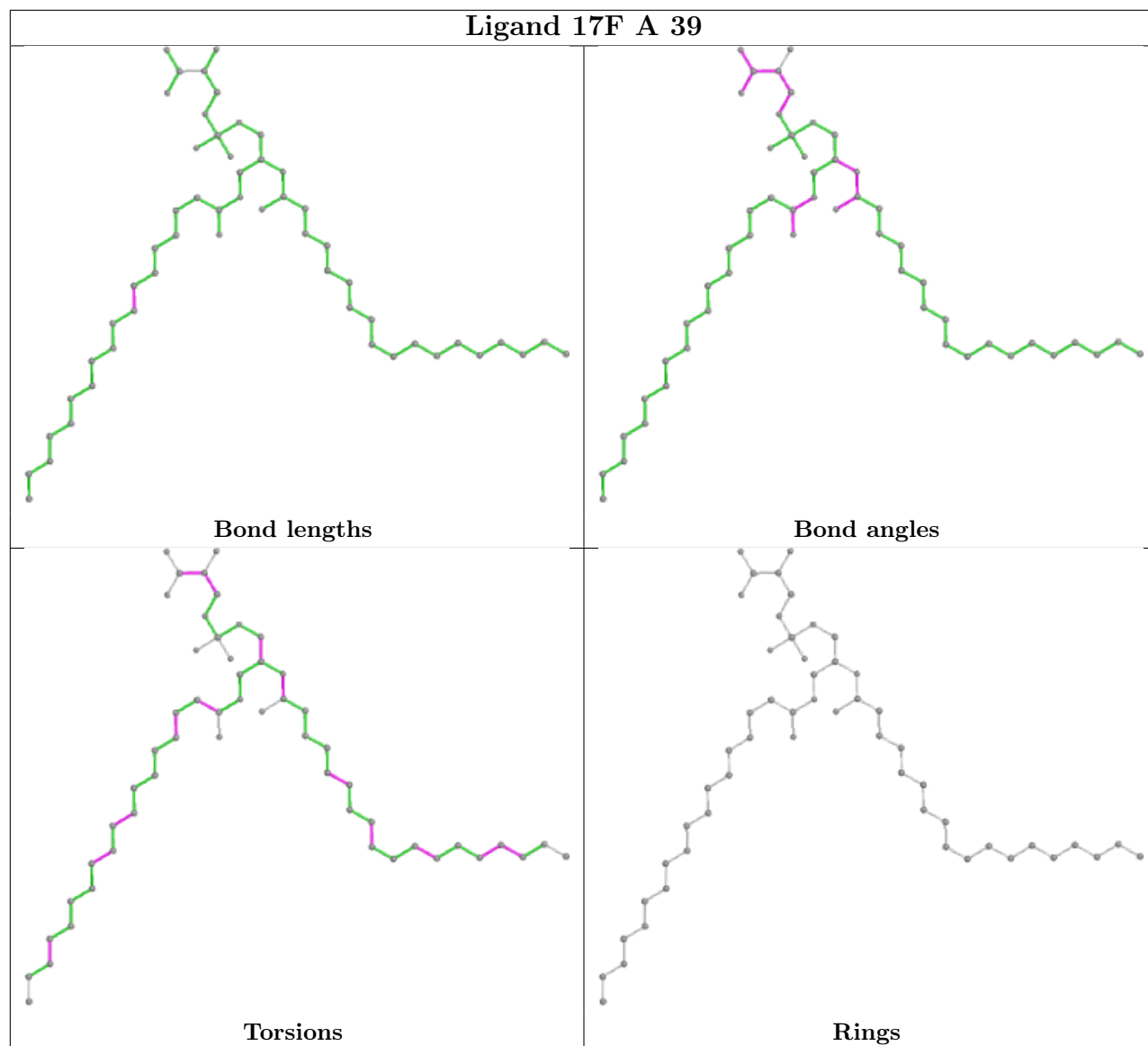
Mol	Chain	Res	Type	Atoms	Models (Total)
5	B	201	GNP	PB-N3B-PG-O1G	3
5	B	201	GNP	PG-N3B-PB-O1B	1

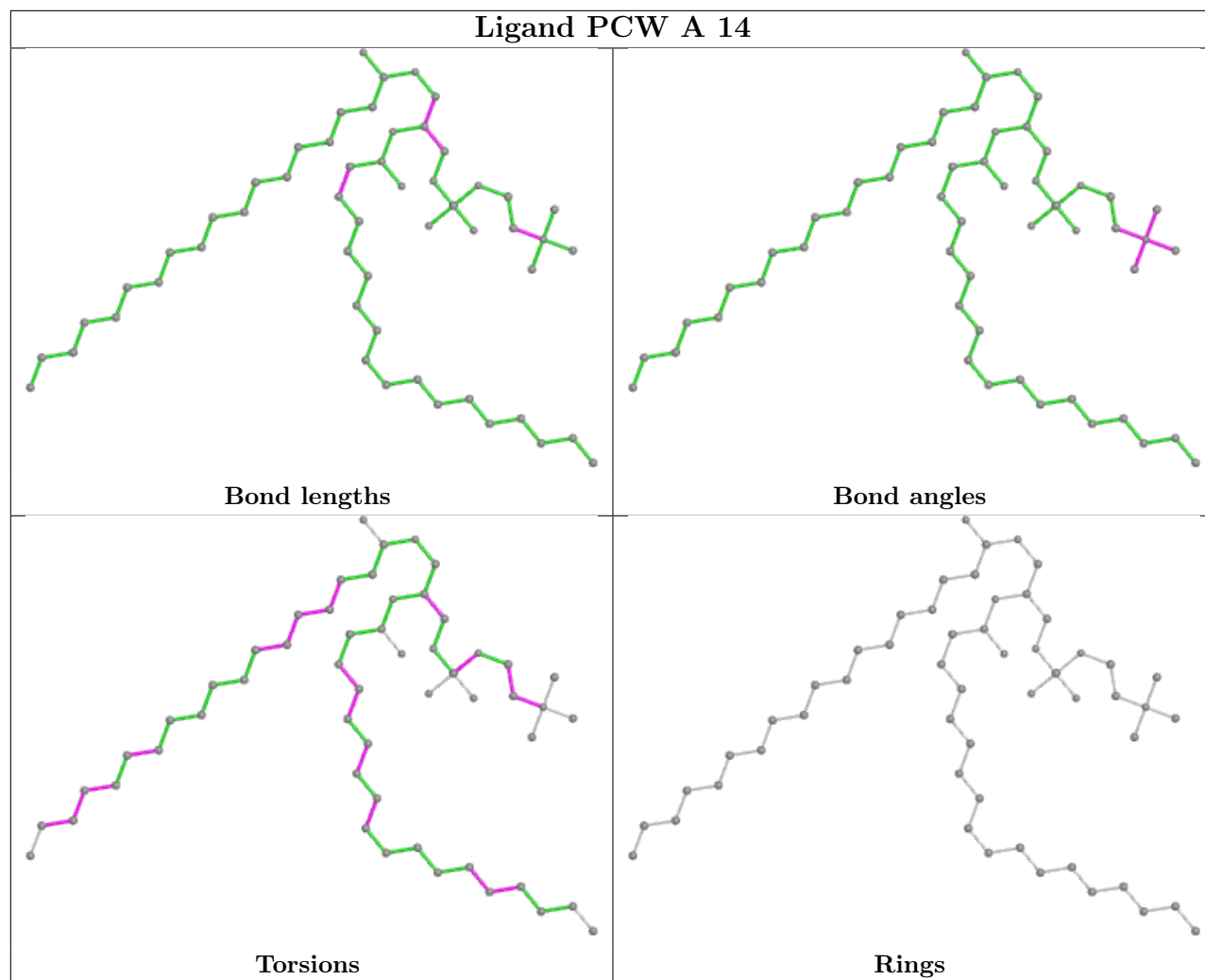
There are no ring outliers.

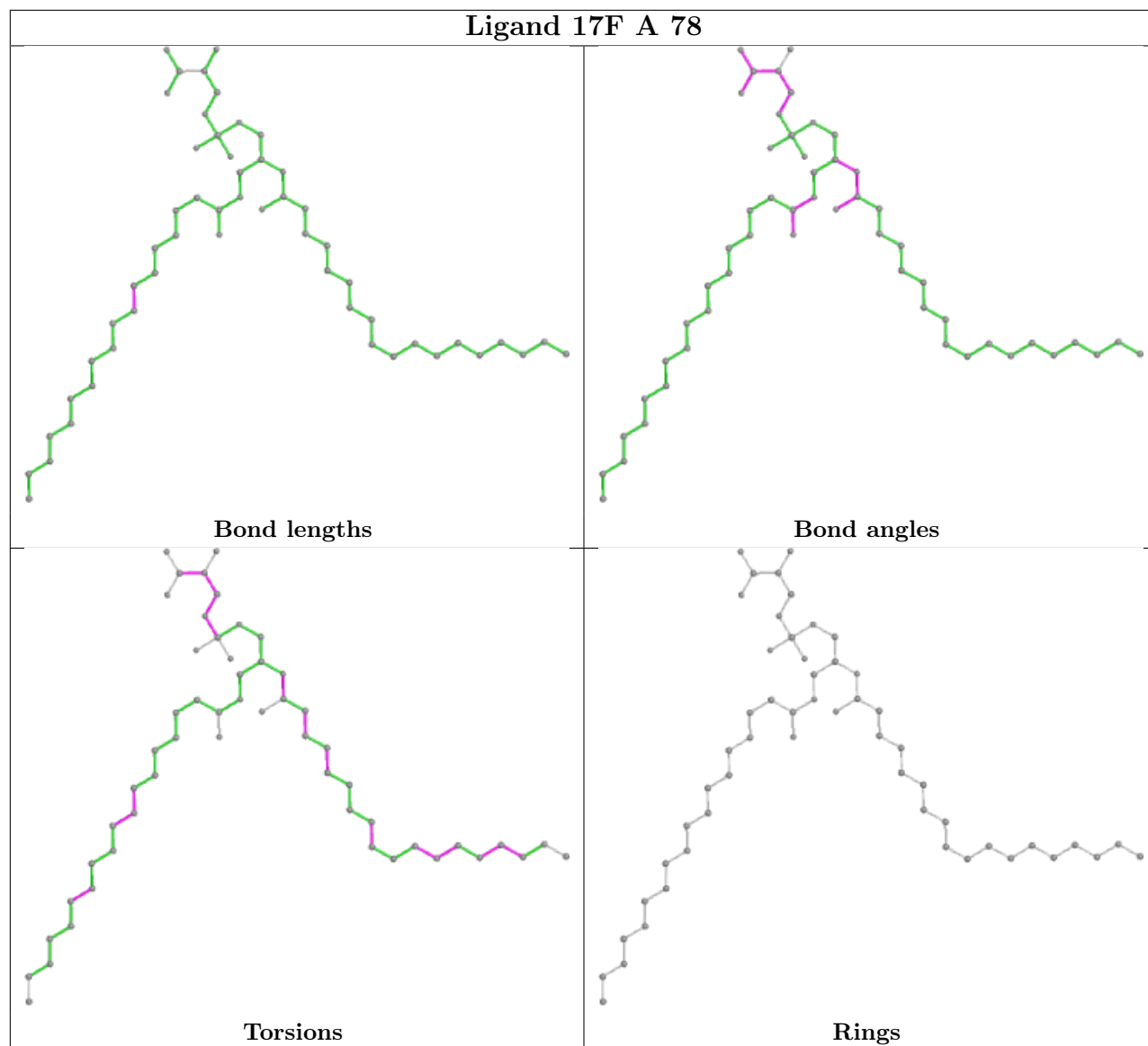
The following is a two-dimensional graphical depiction of Mogul quality analysis of bond lengths, bond angles, torsion angles, and ring geometry for all instances of the Ligand of Interest. In addition, ligands with molecular weight > 250 and outliers as shown on the validation Tables will also be included. For torsion angles, if less than 5% of the Mogul distribution of torsion angles is within 10 degrees of the torsion angle in question, then that torsion angle is considered an outlier. Any bond that is central to one or more torsion angles identified as an outlier by Mogul will be highlighted in the graph. For rings, the root-mean-square deviation (RMSD) between the ring in question and similar rings identified by Mogul is calculated over all ring torsion angles. If the average RMSD is greater than 60 degrees and the minimal RMSD between the ring in question and any Mogul-identified rings is also greater than 60 degrees, then that ring is considered an outlier. The outliers are highlighted in purple. The color gray indicates Mogul did not find sufficient equivalents in the CSD to analyse the geometry.

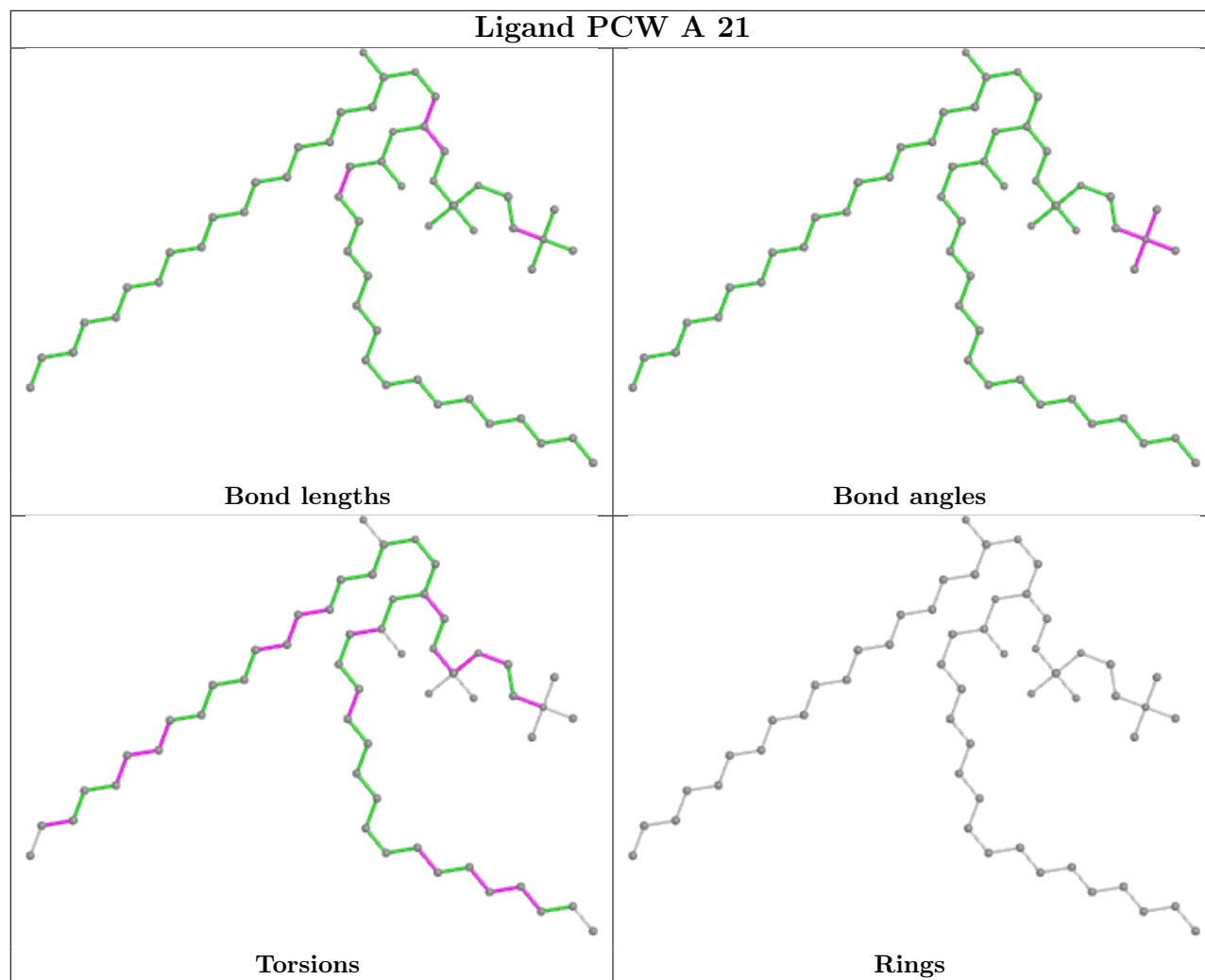


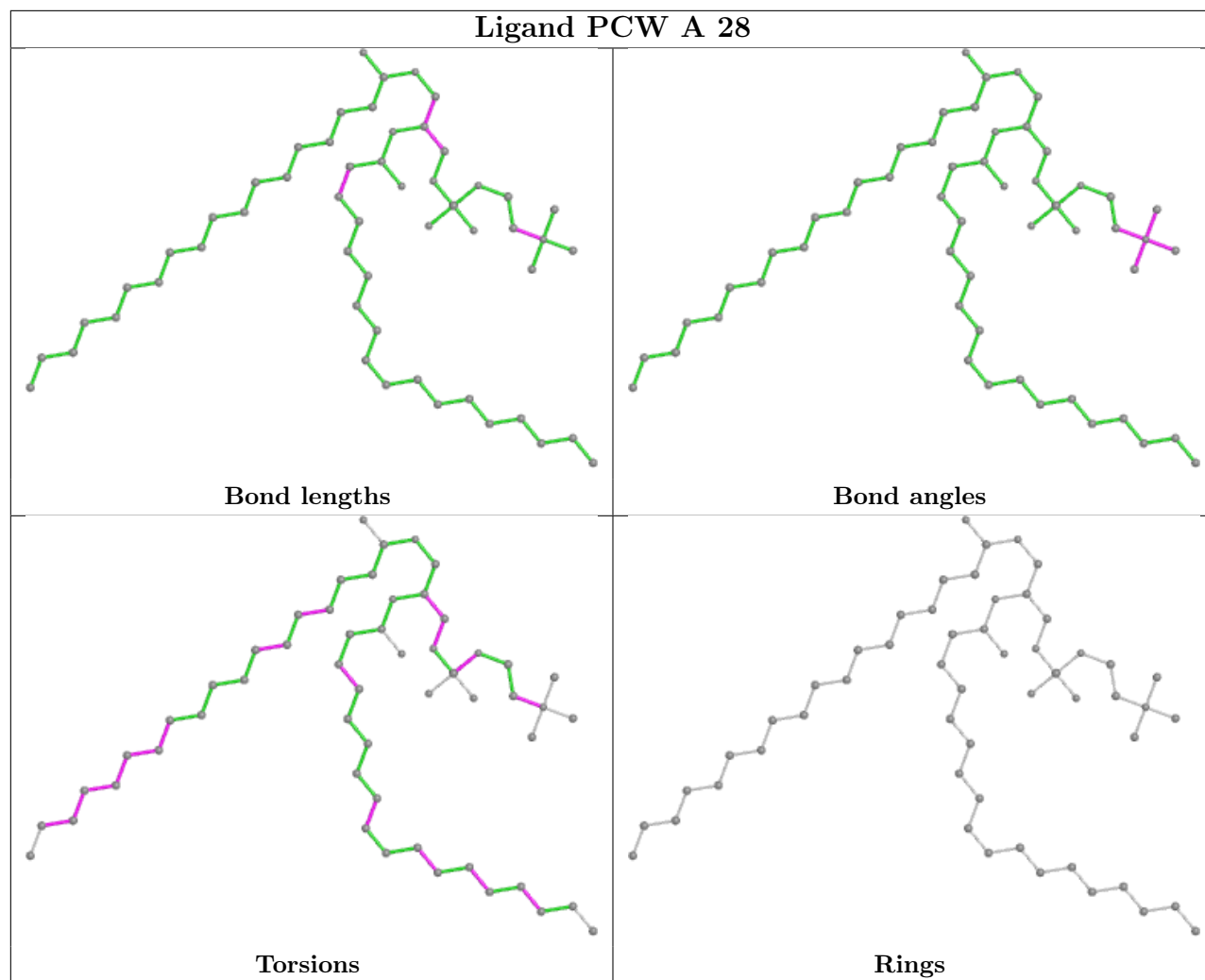


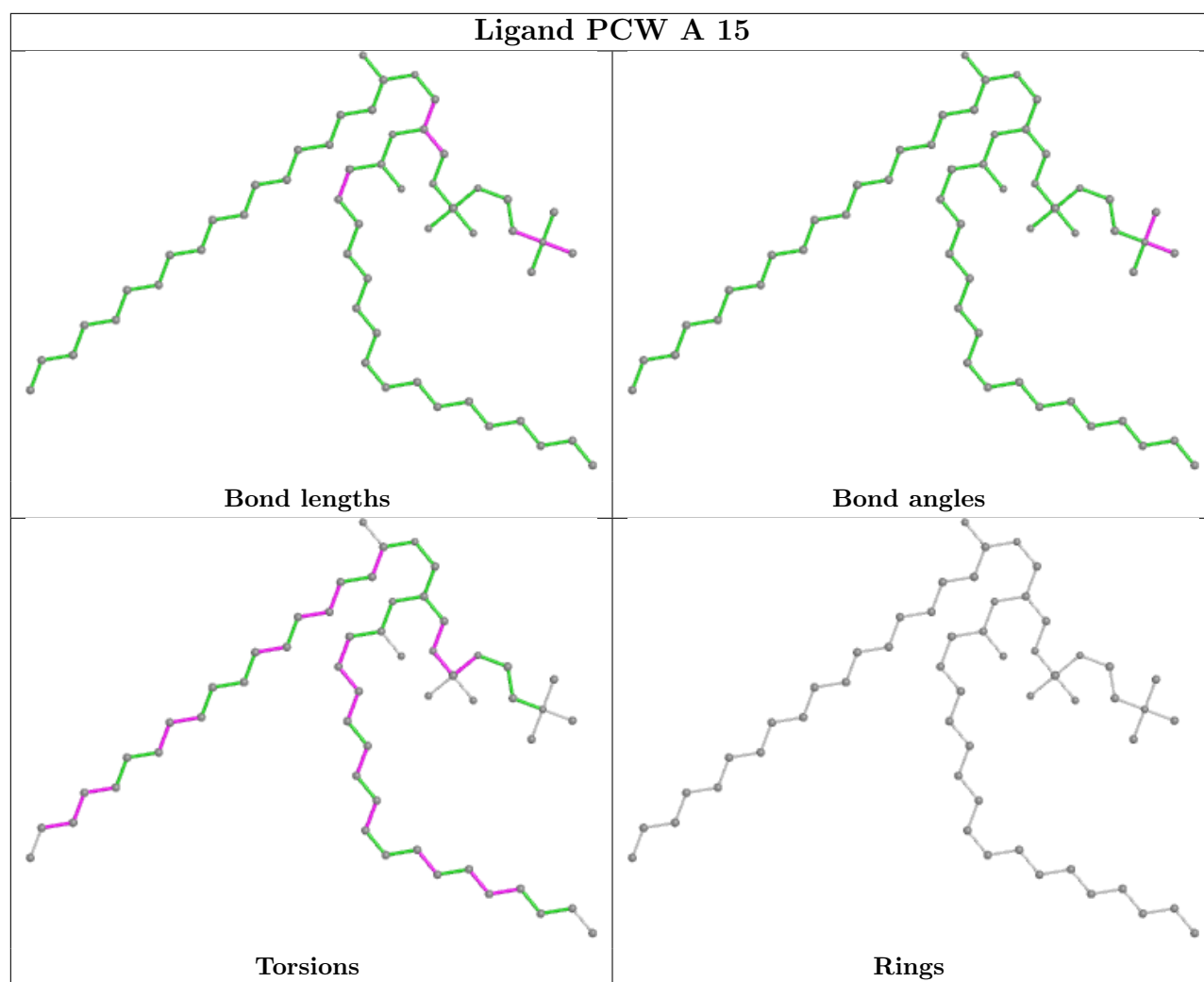


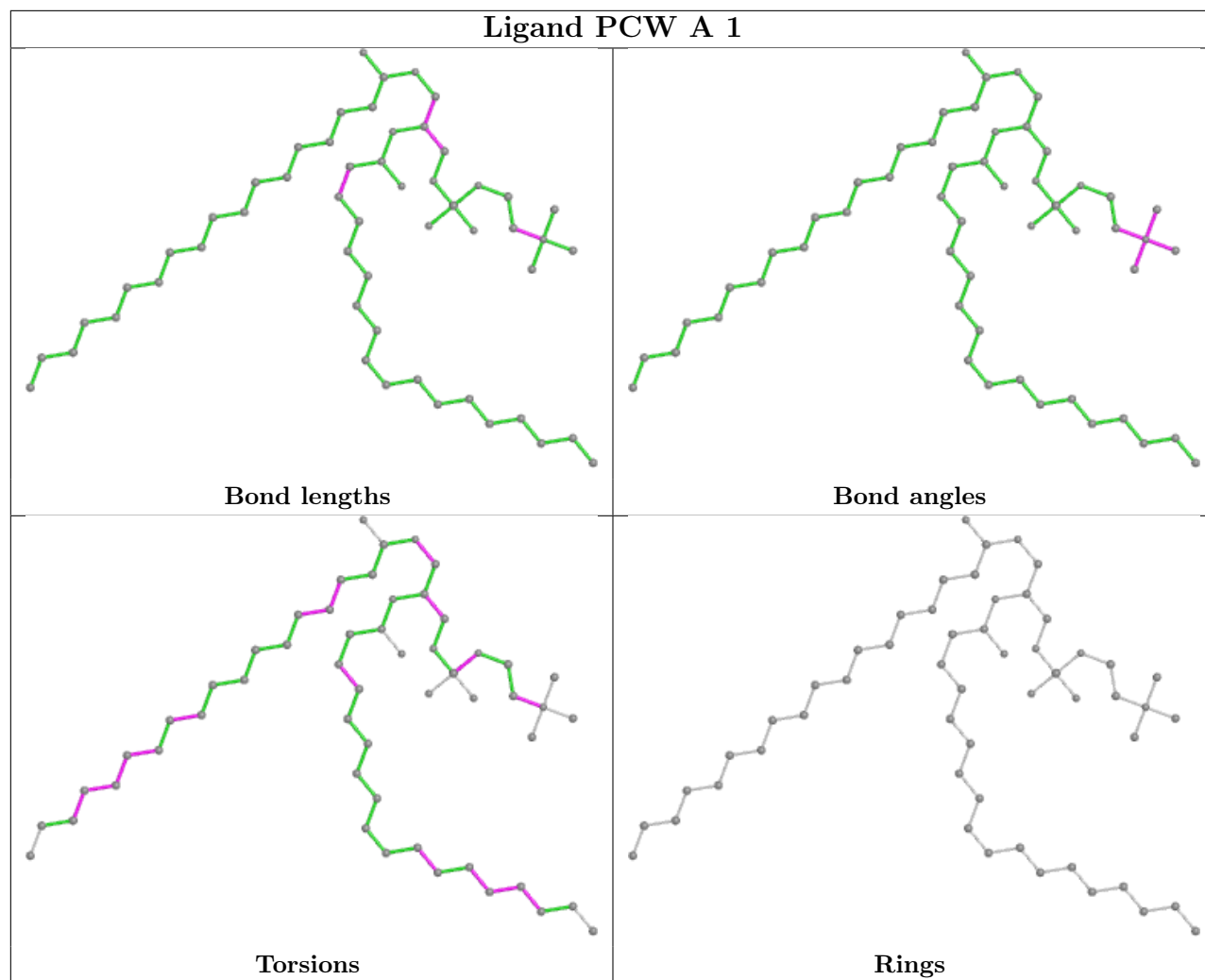


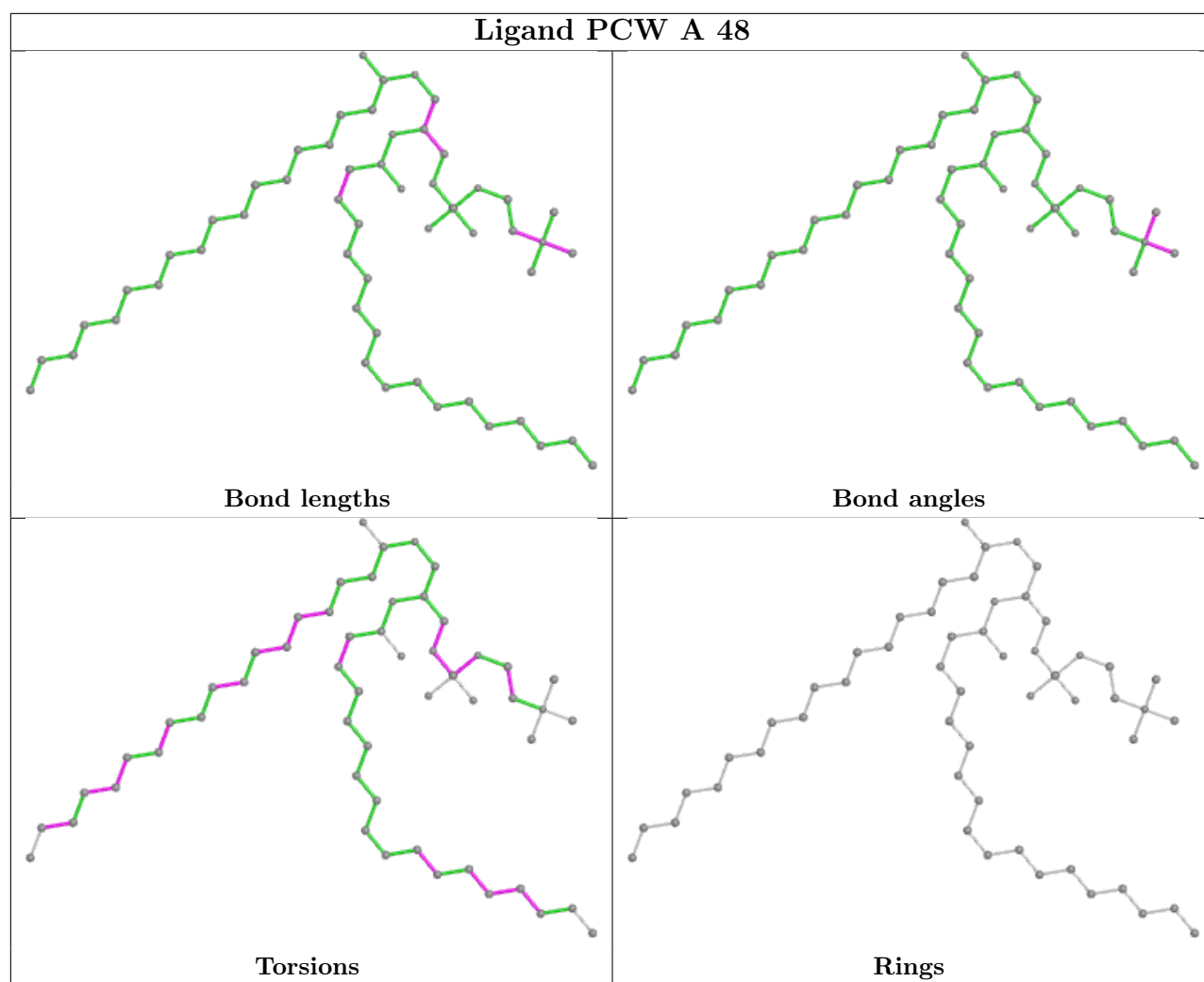


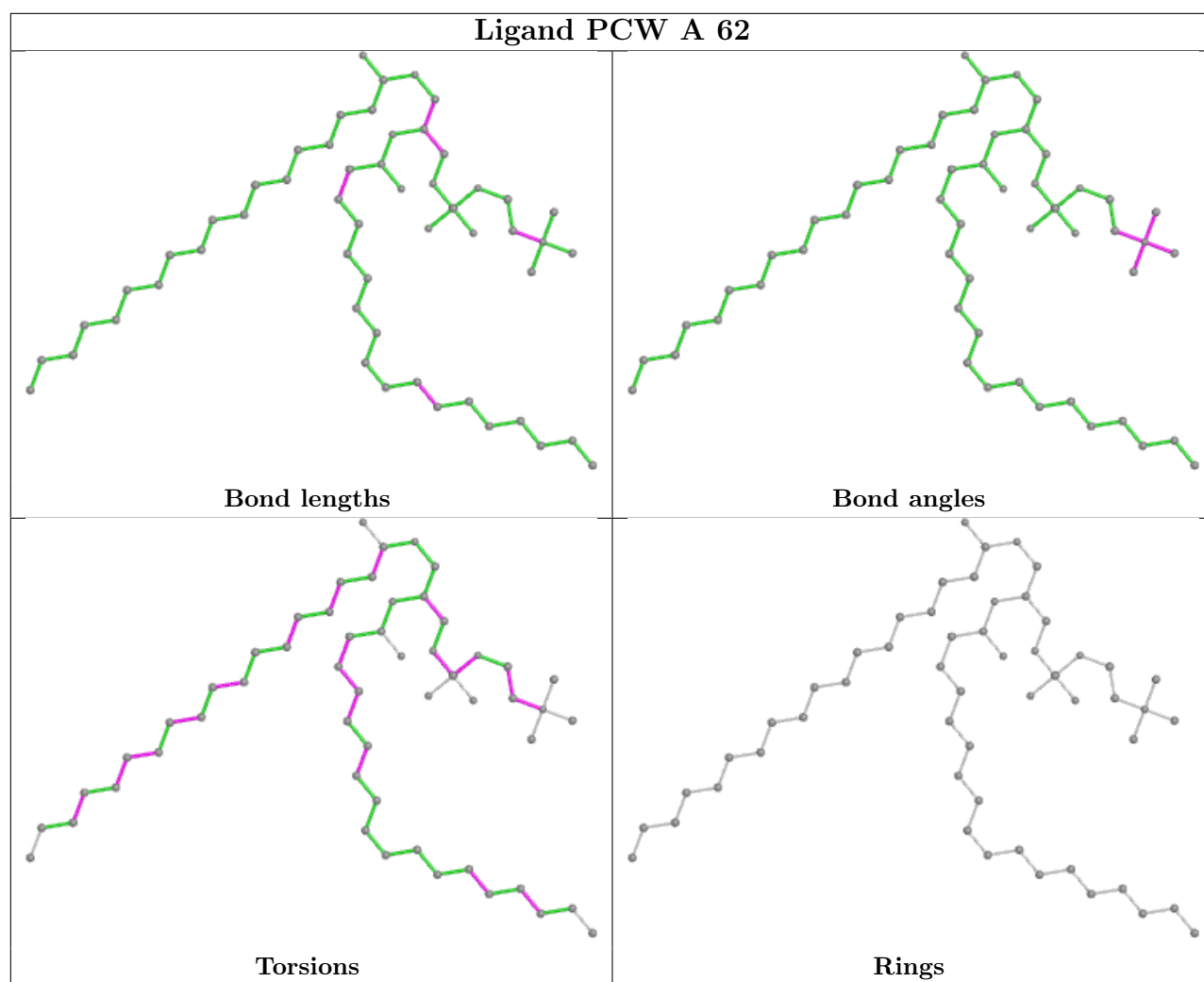


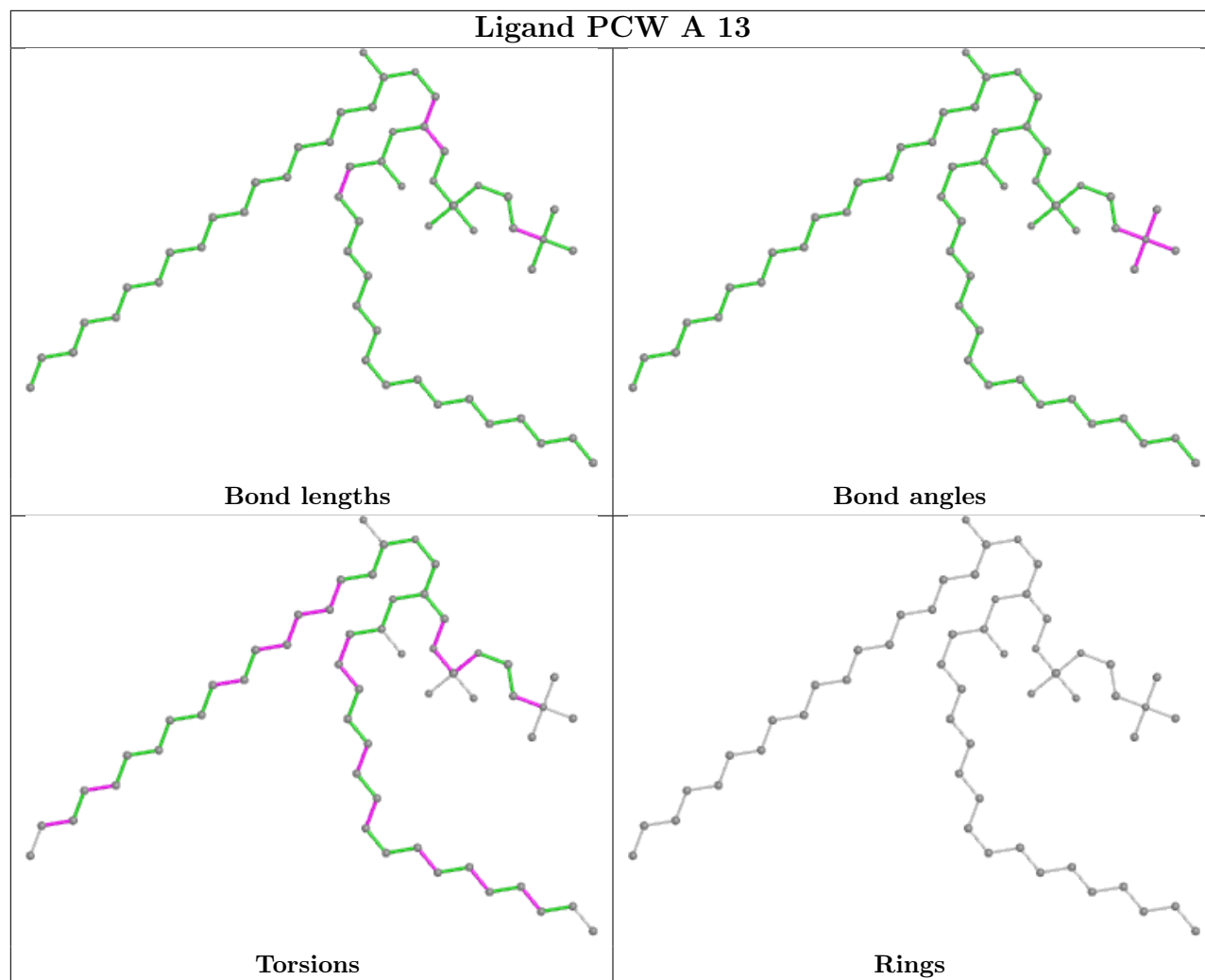


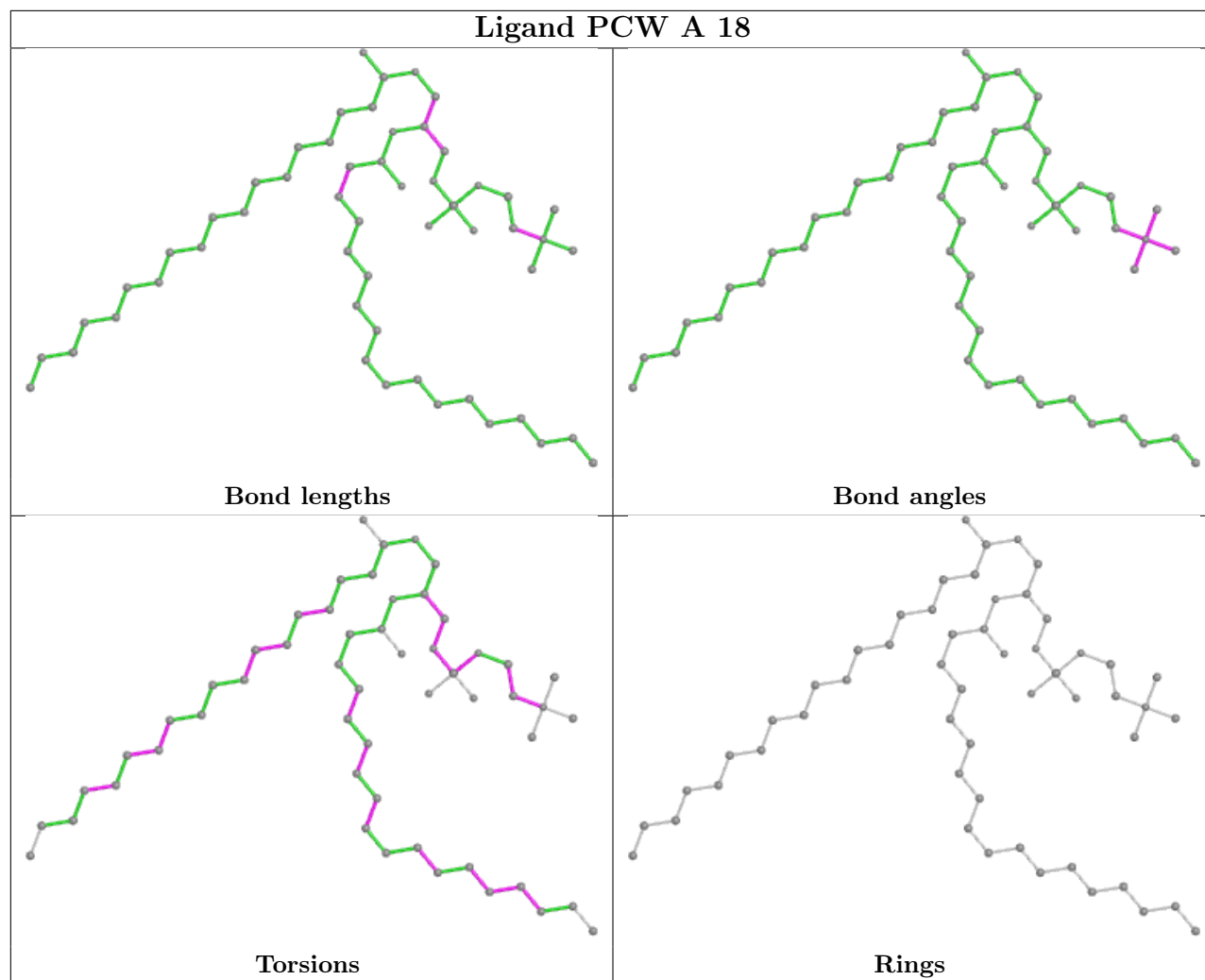


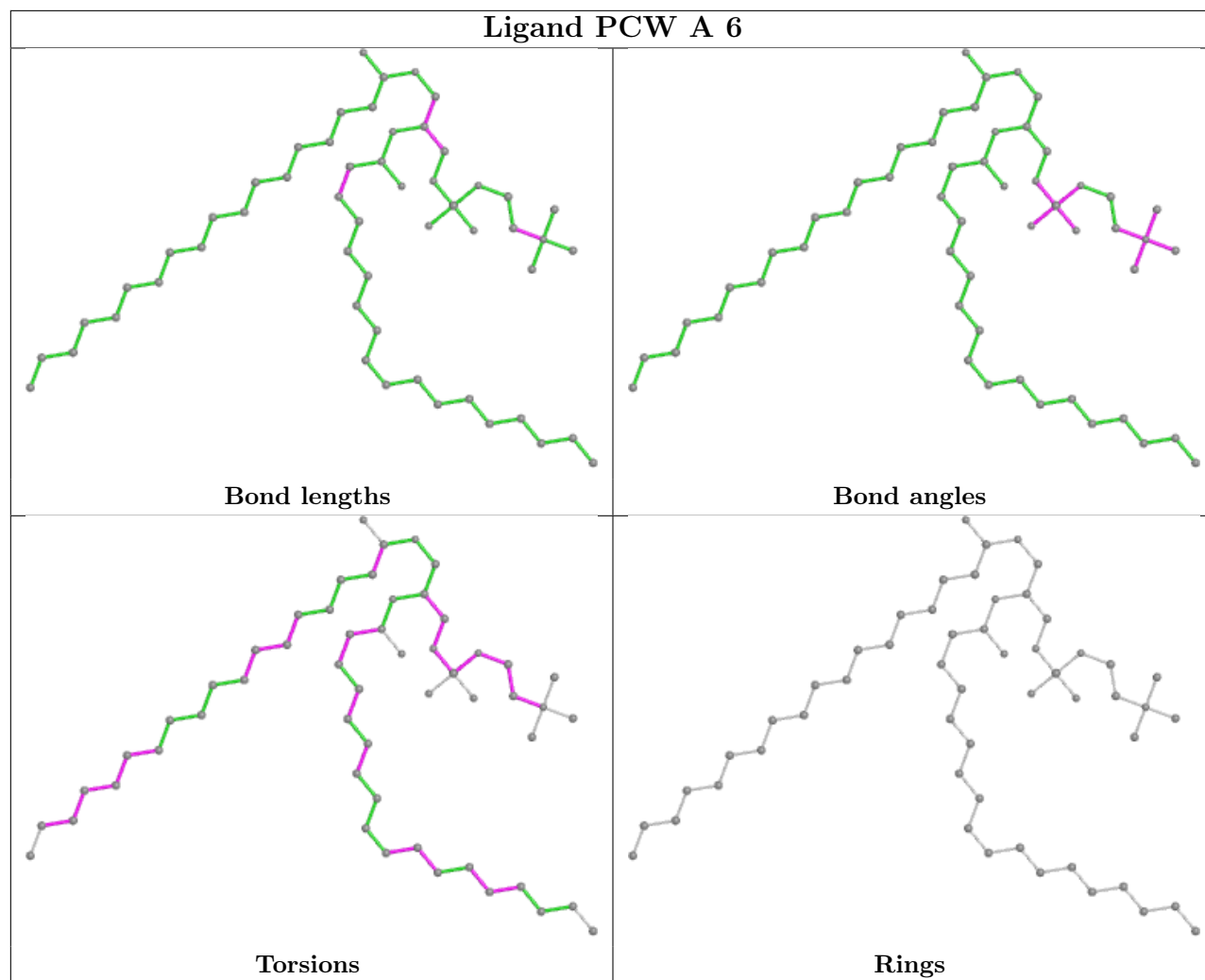


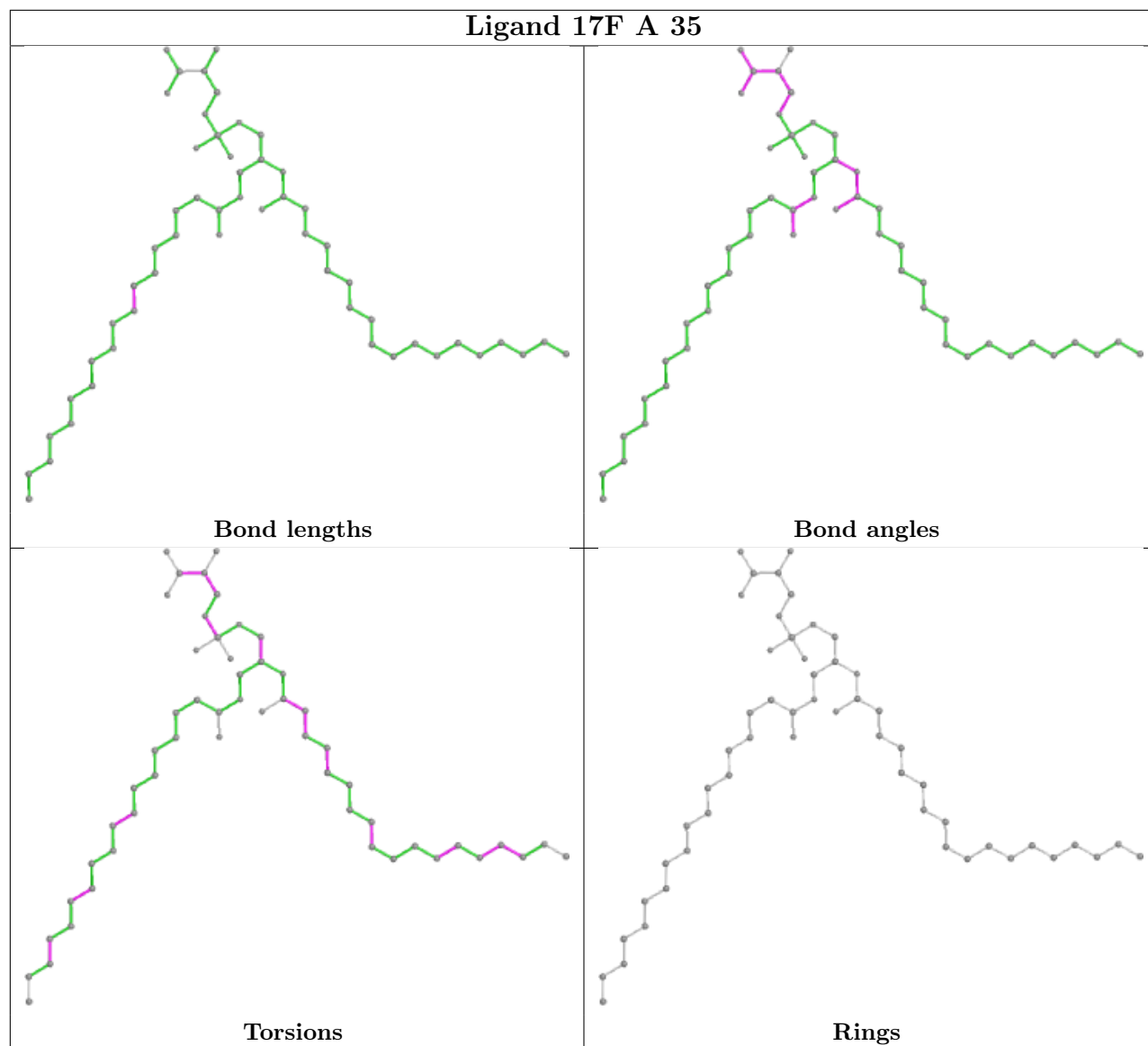


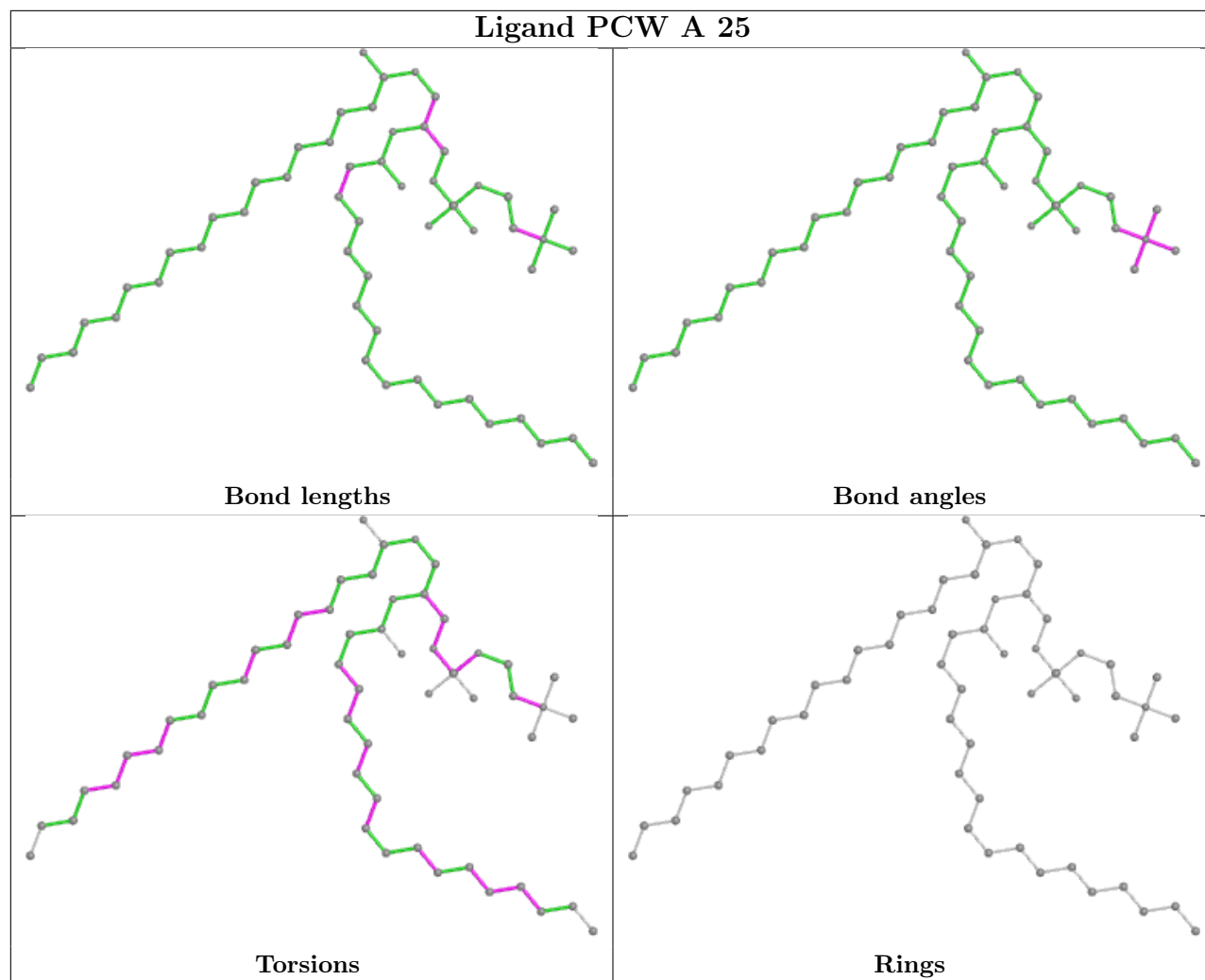


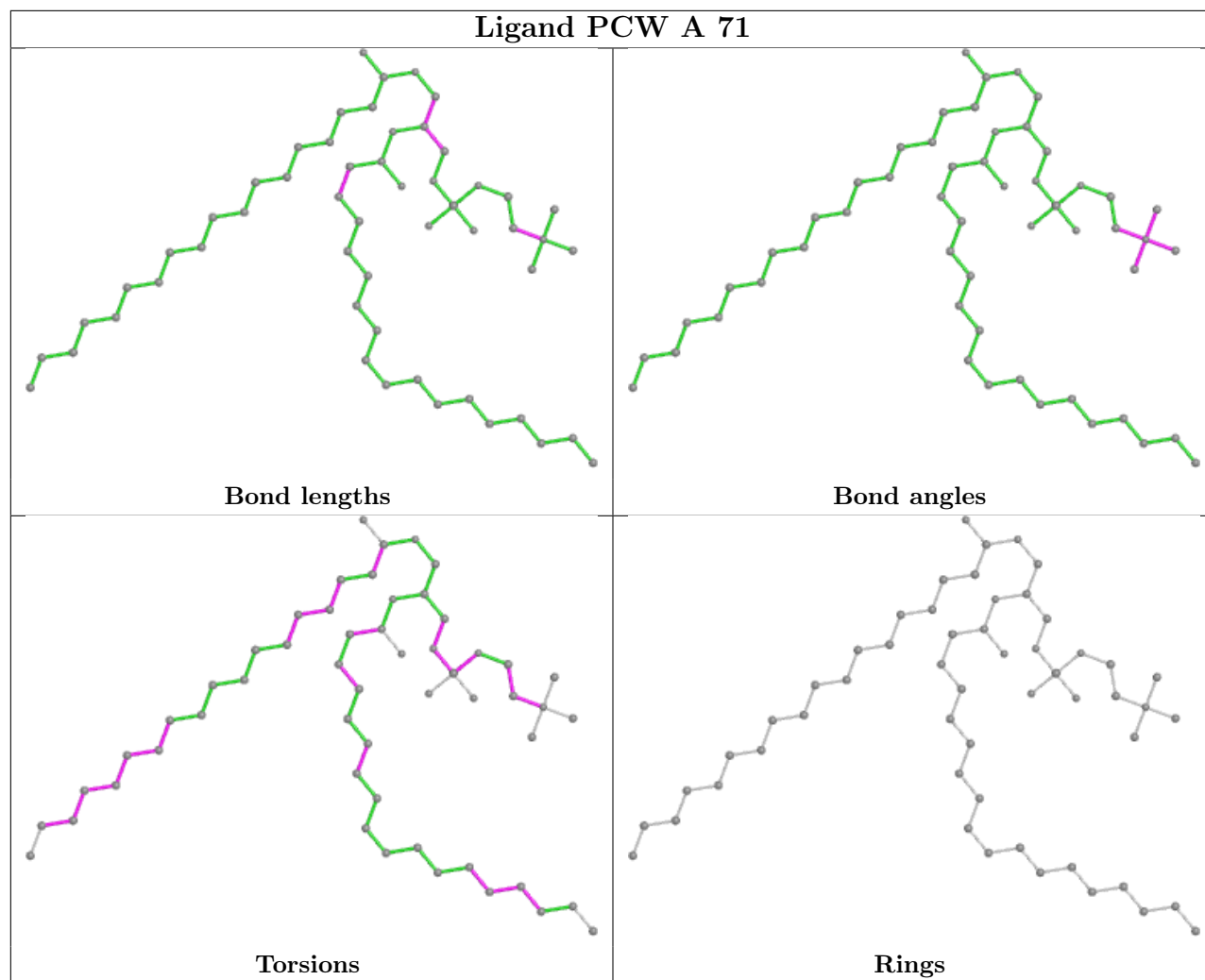


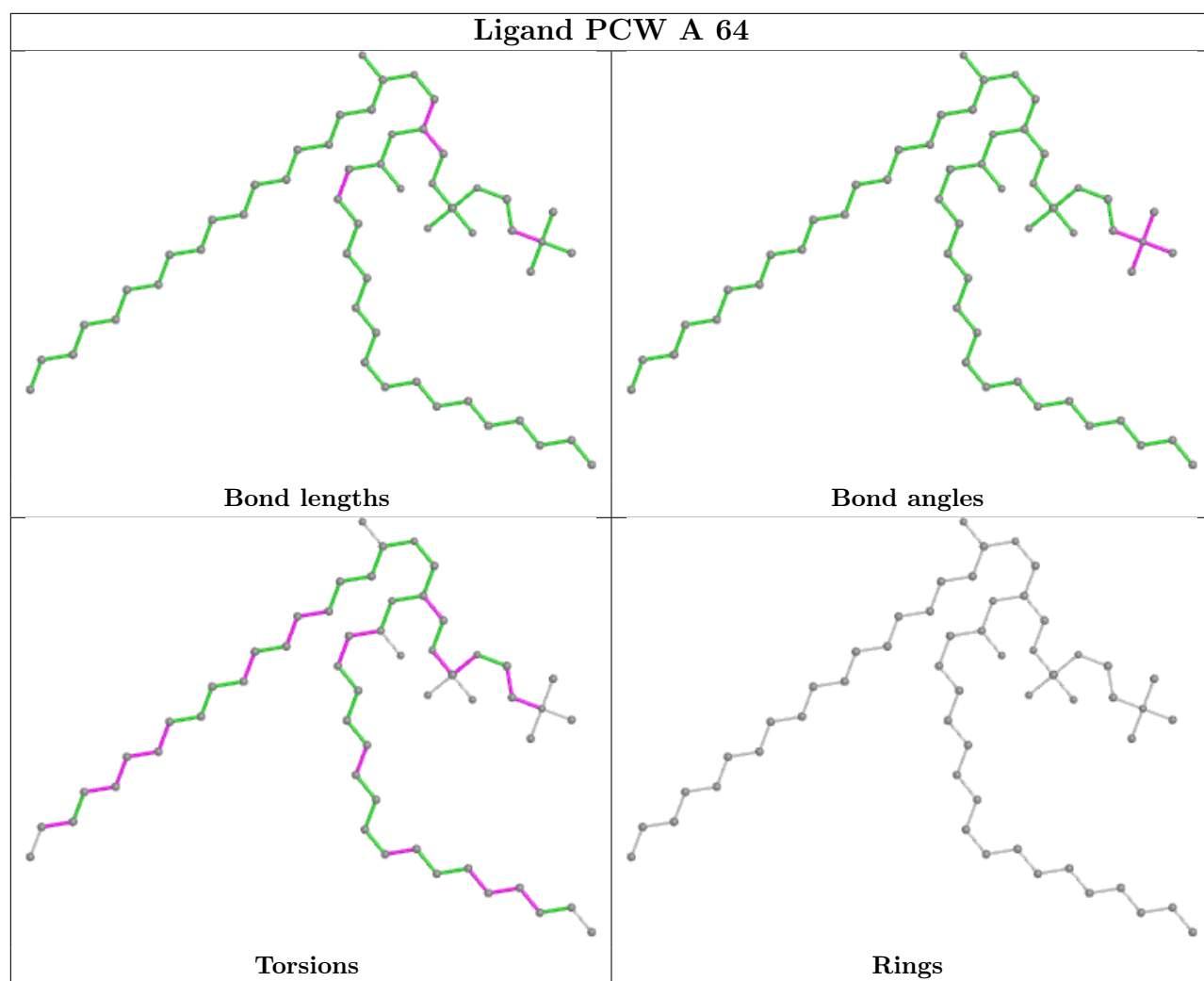


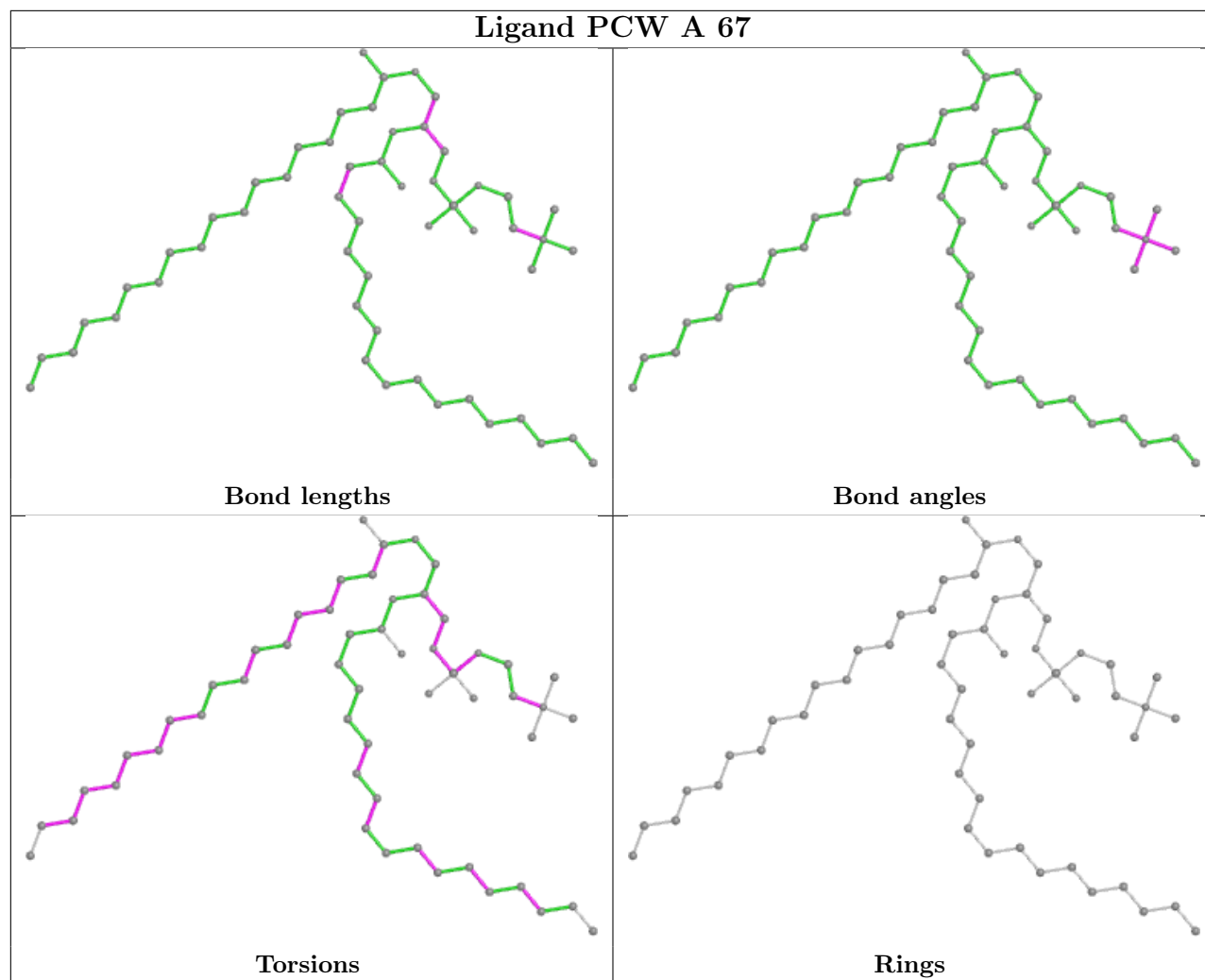


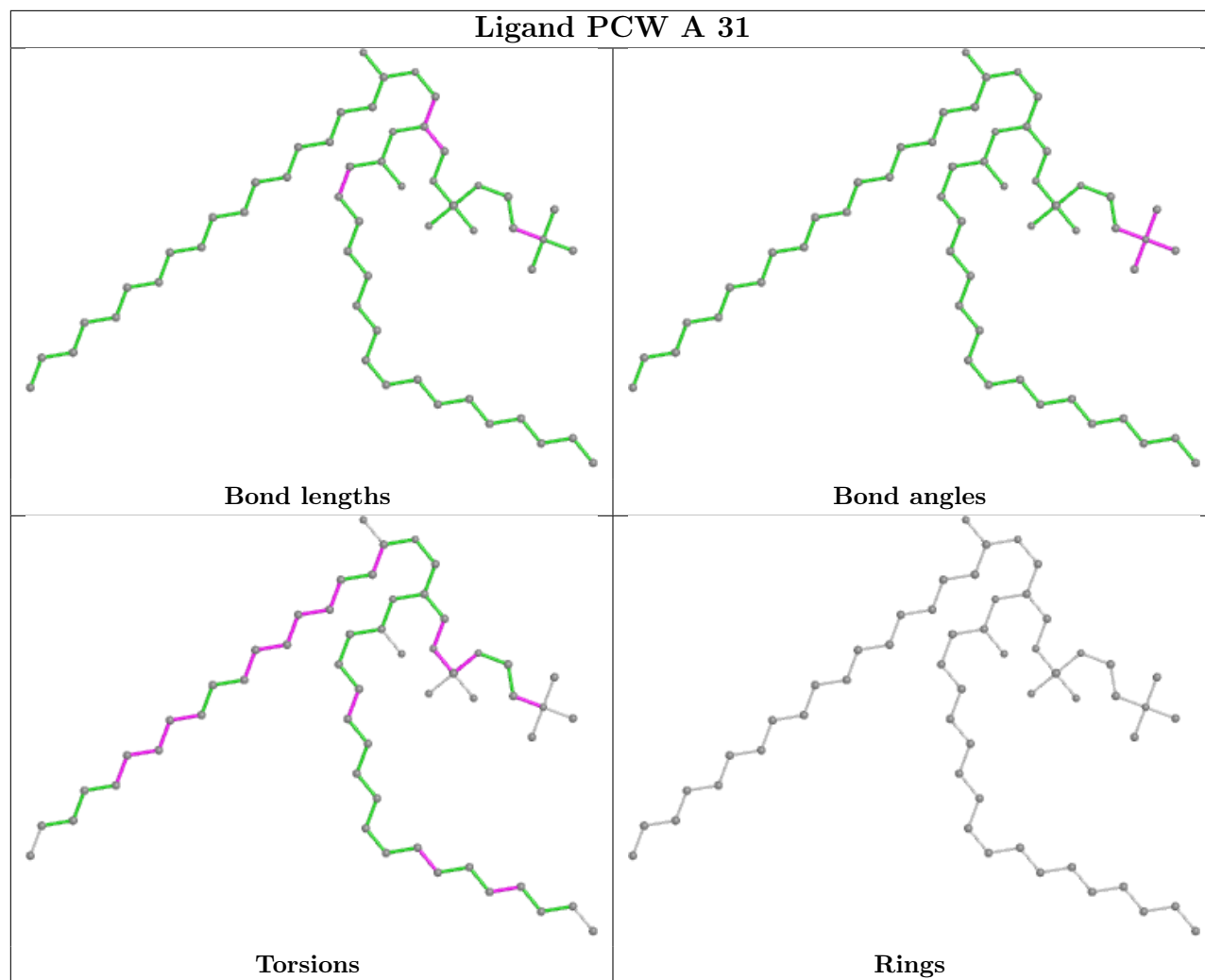


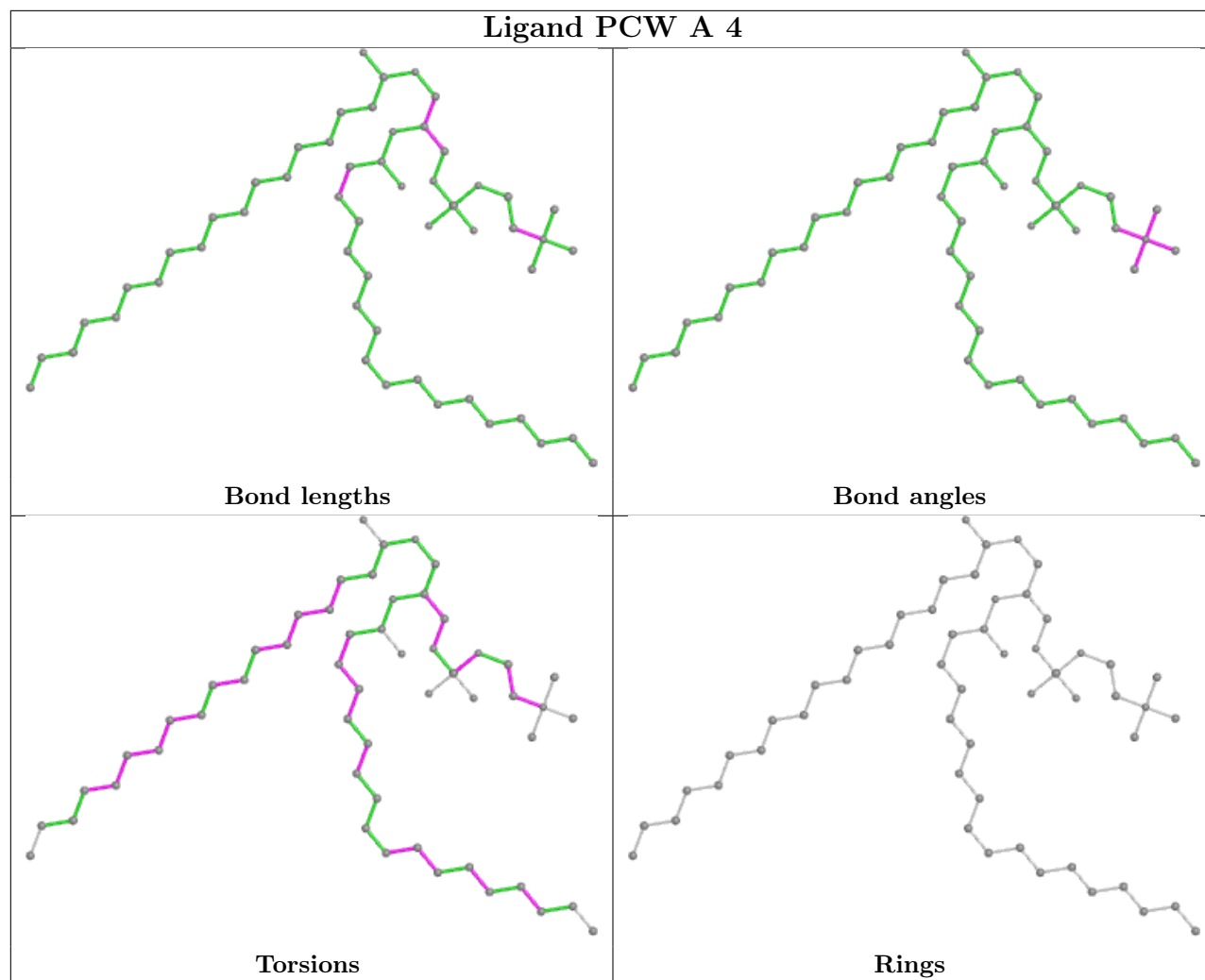


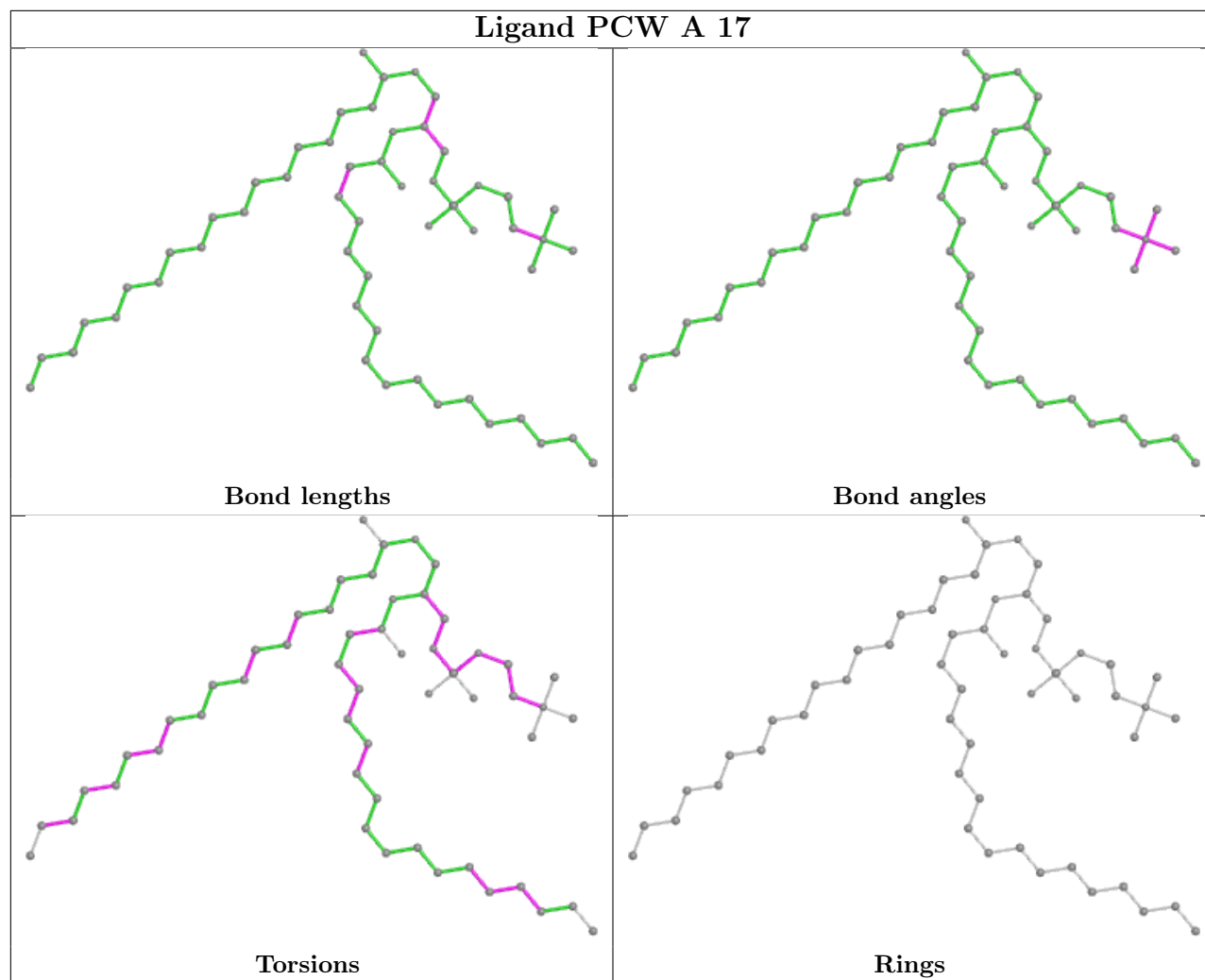


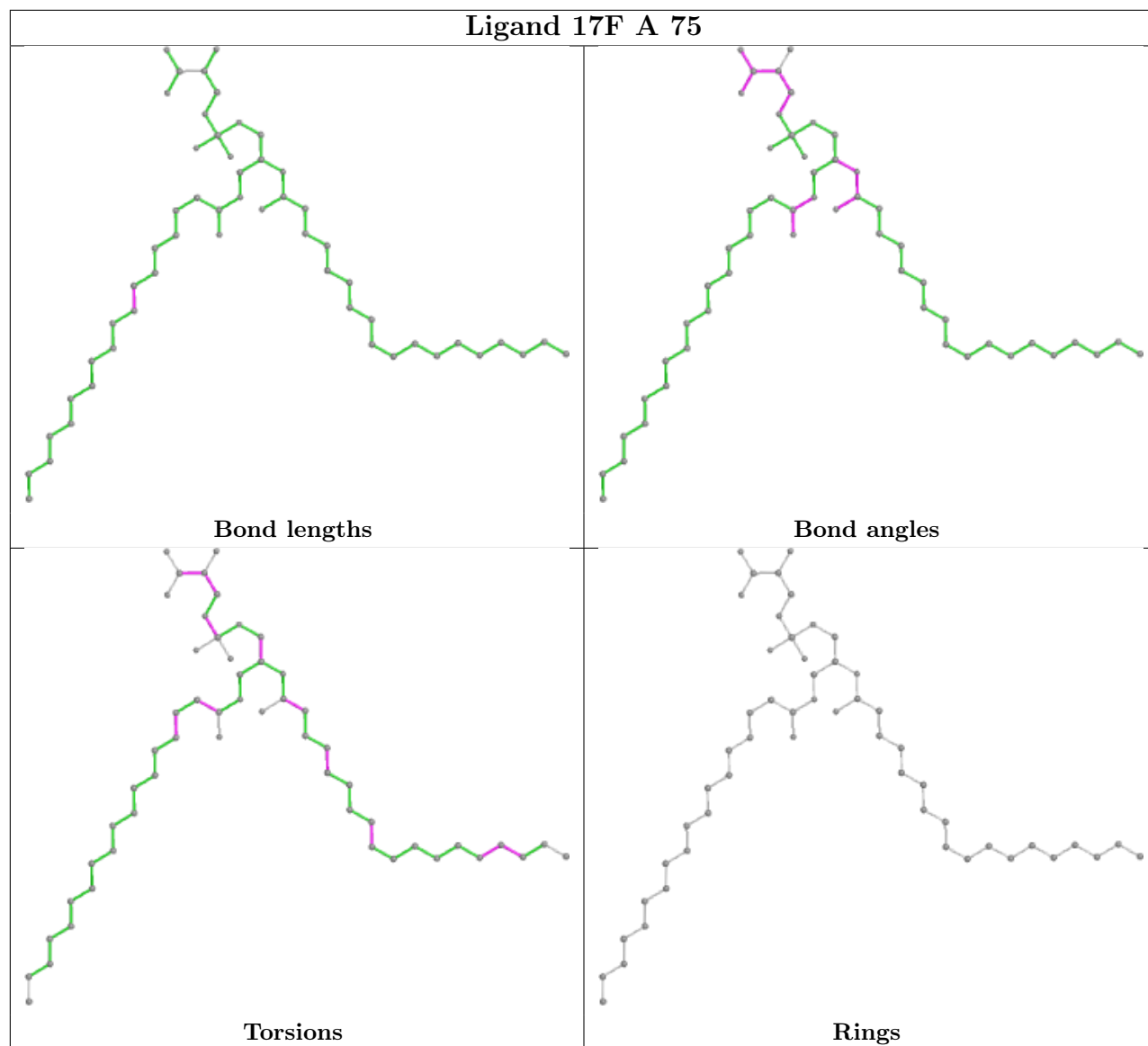


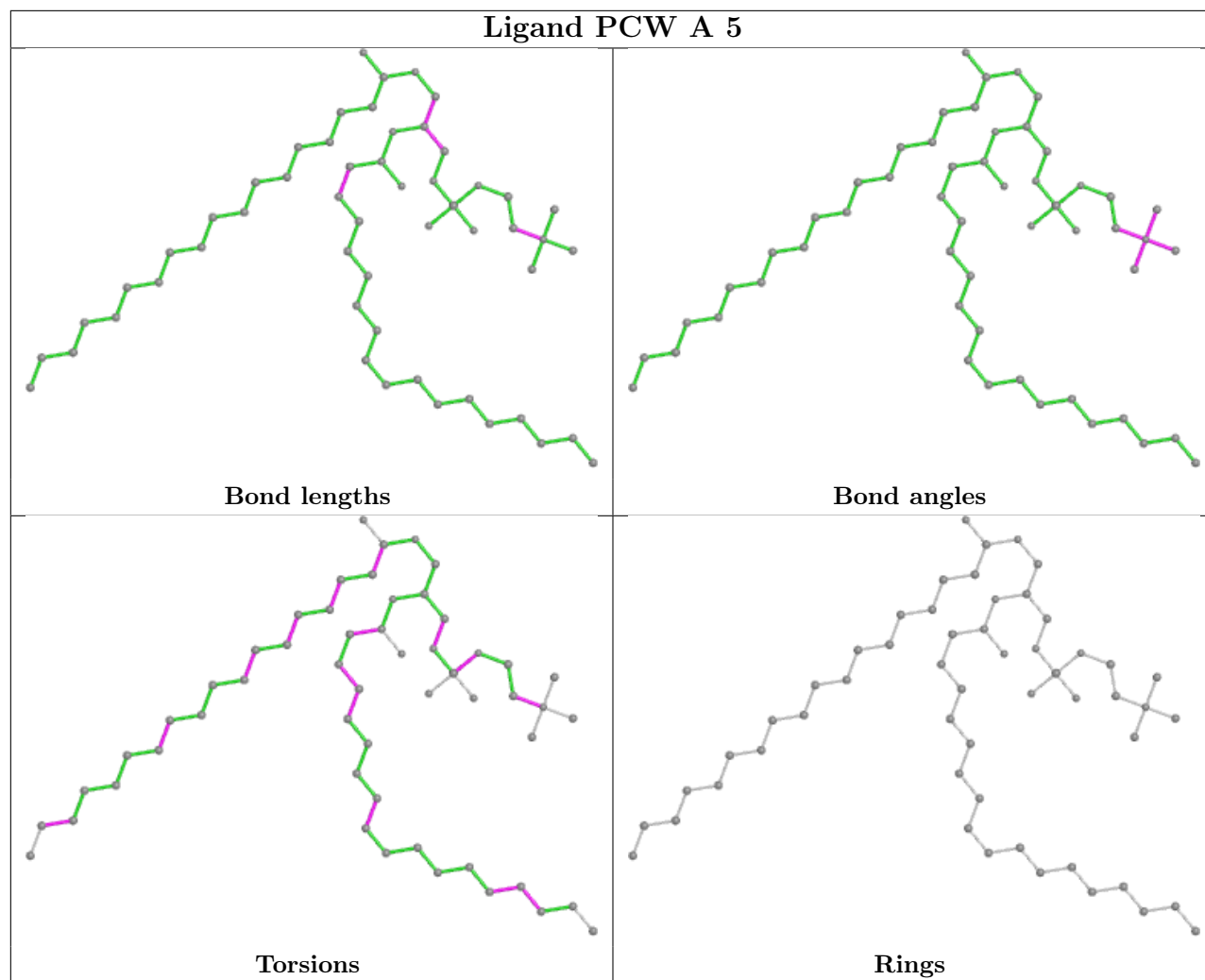


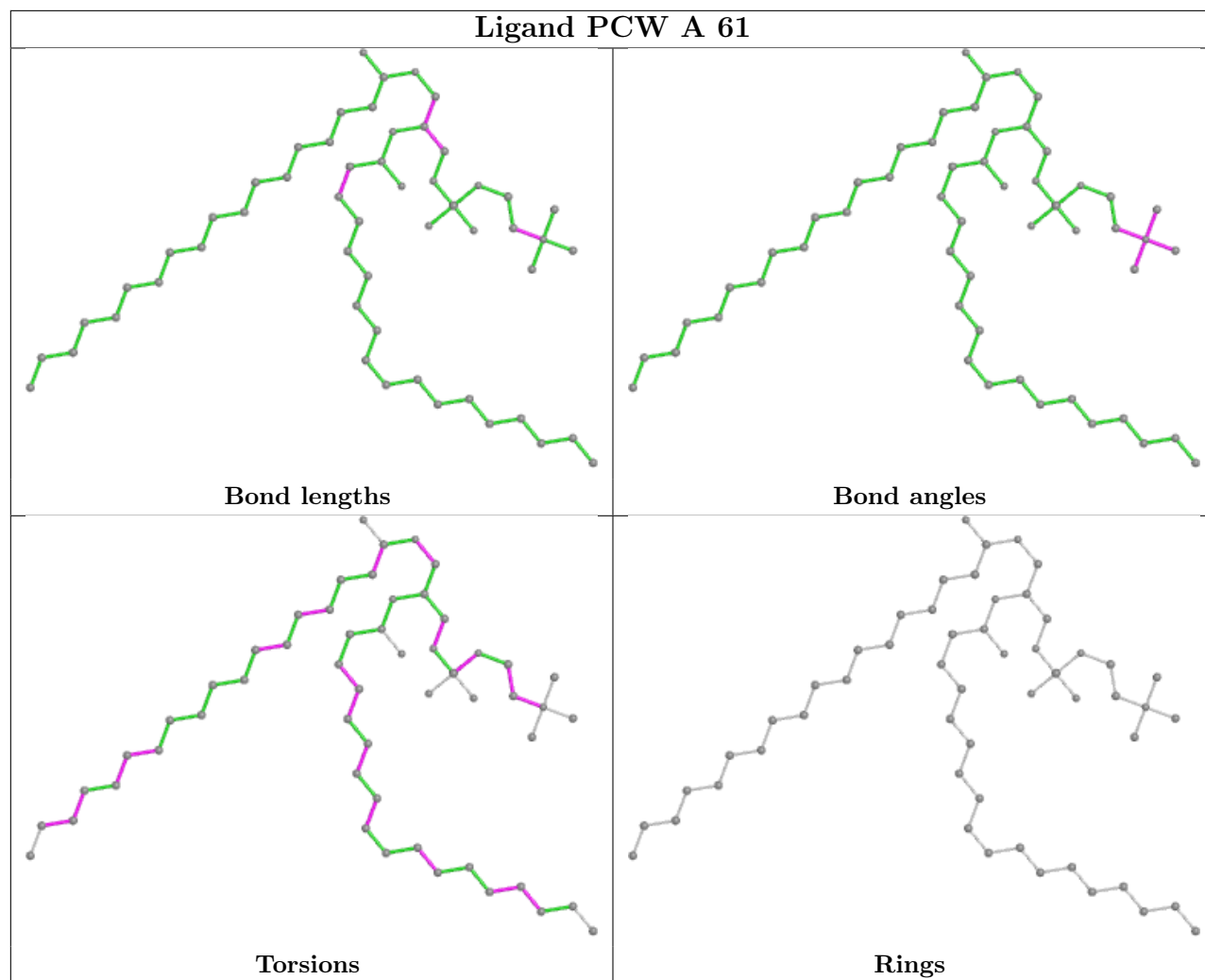


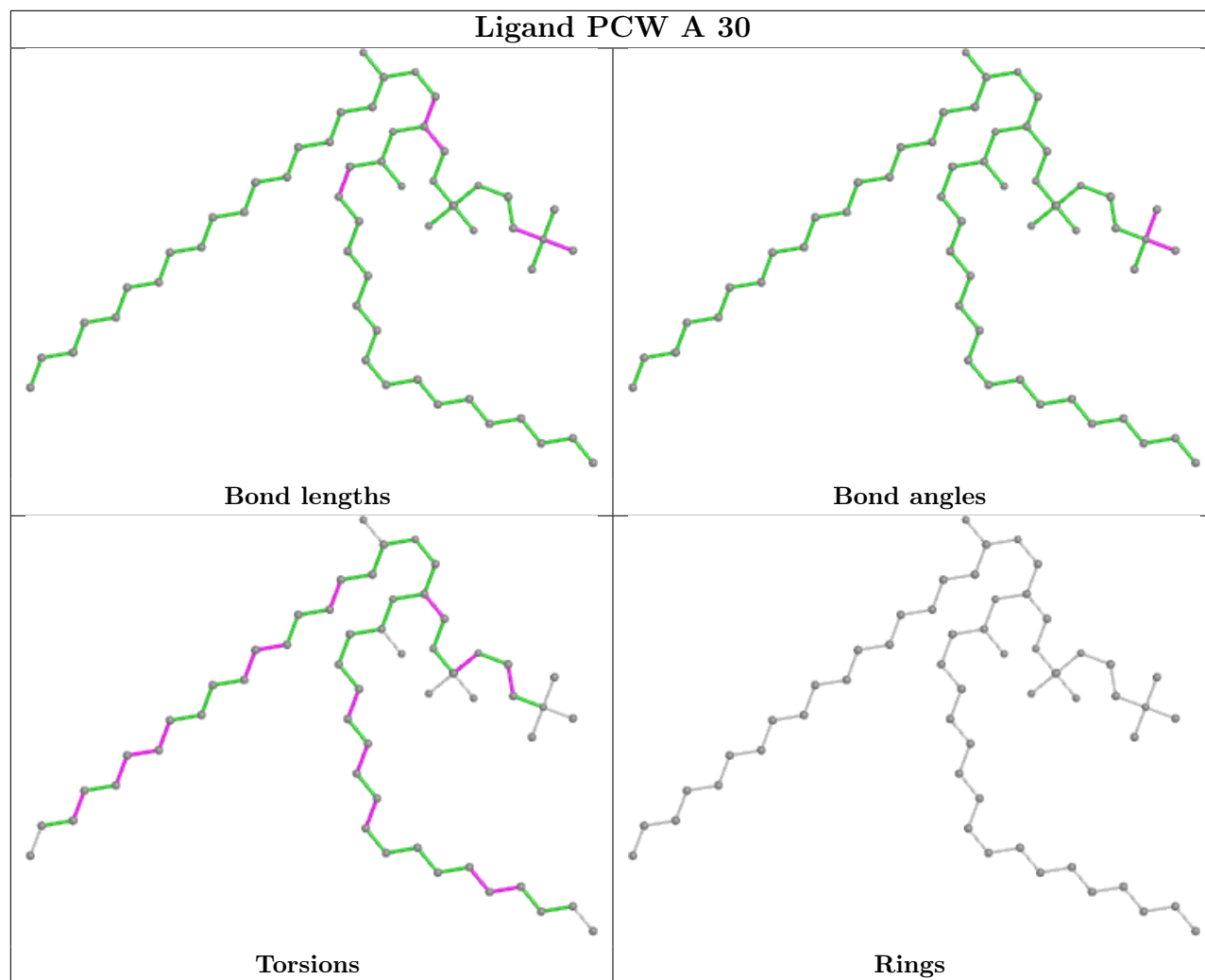


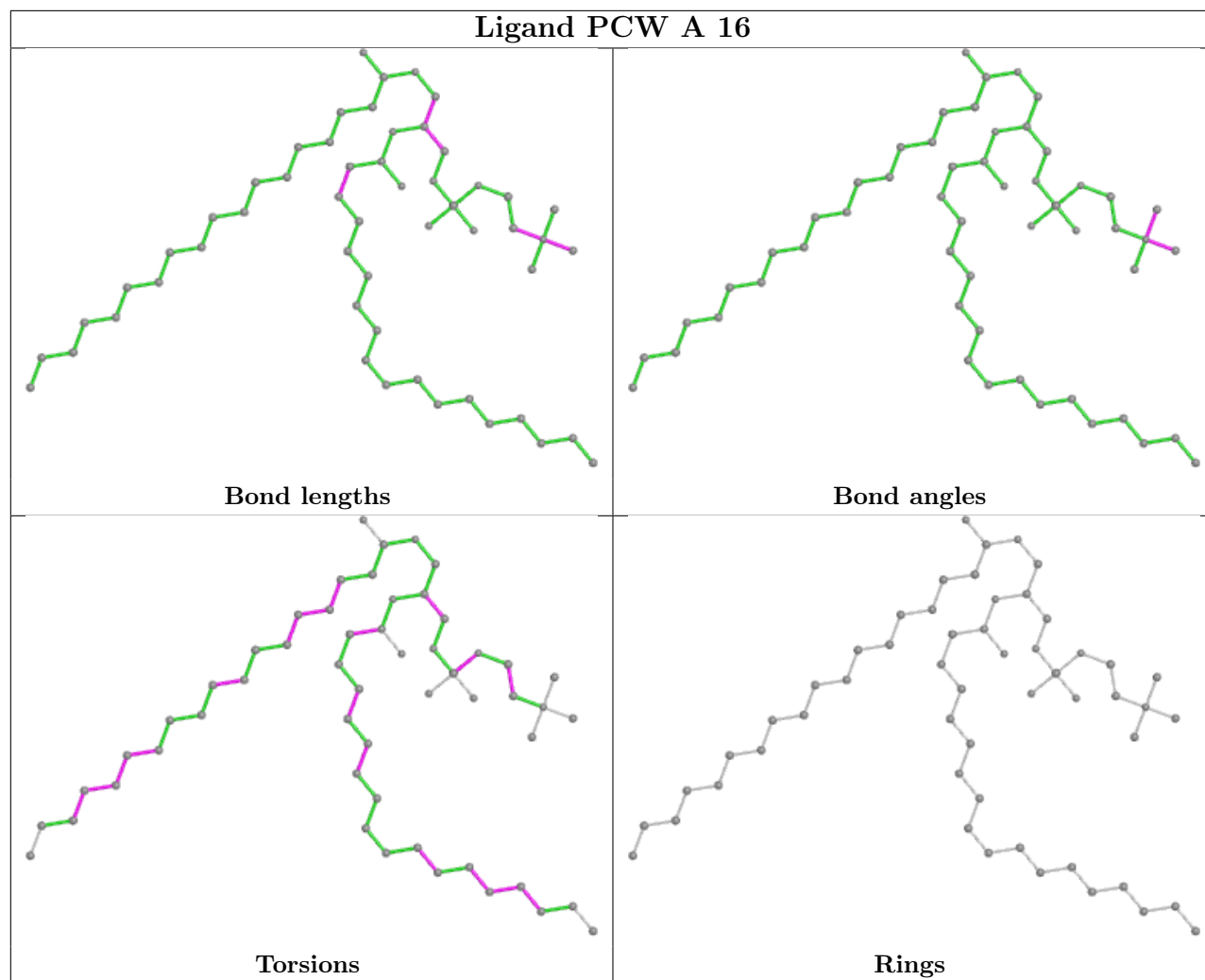


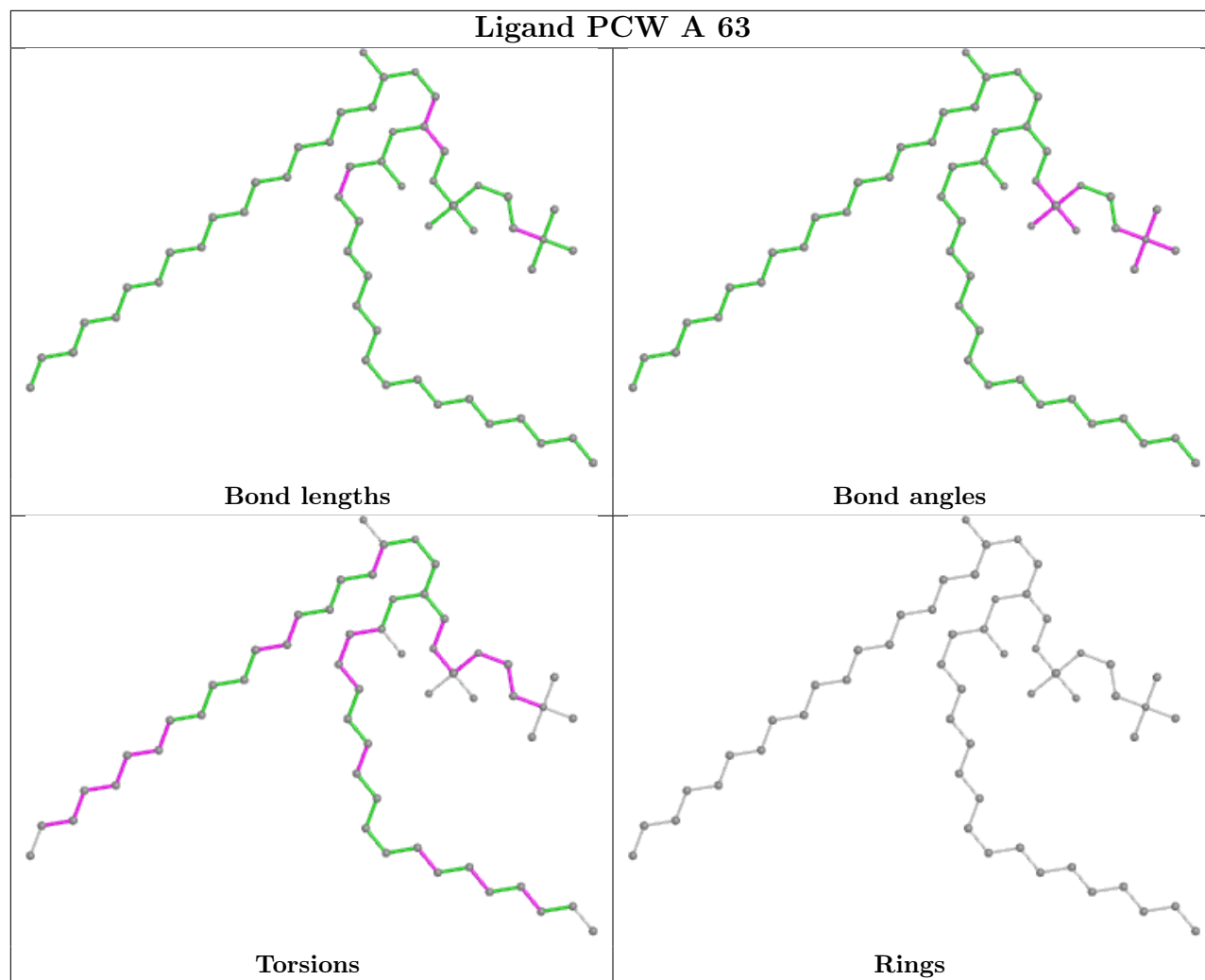


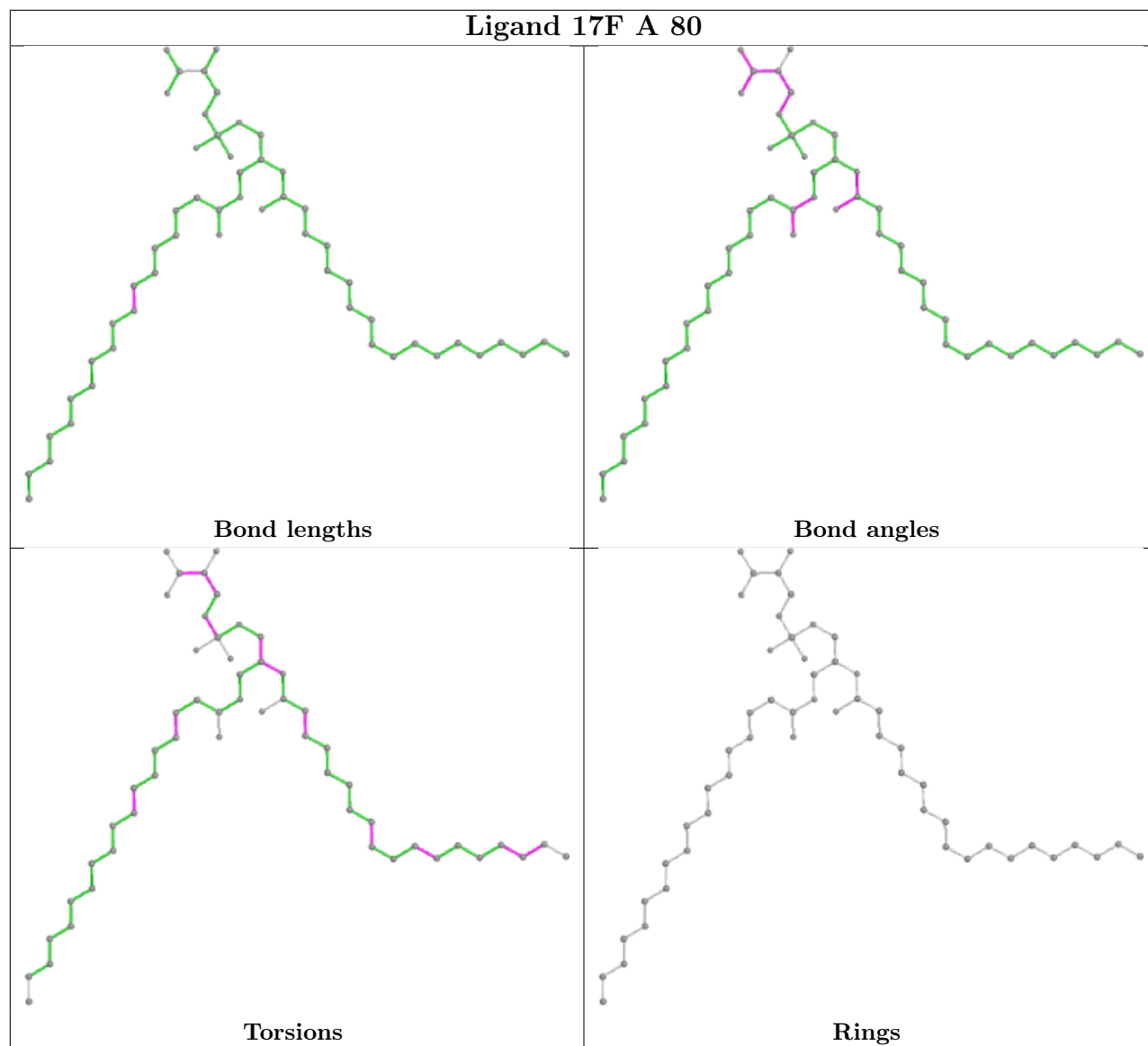


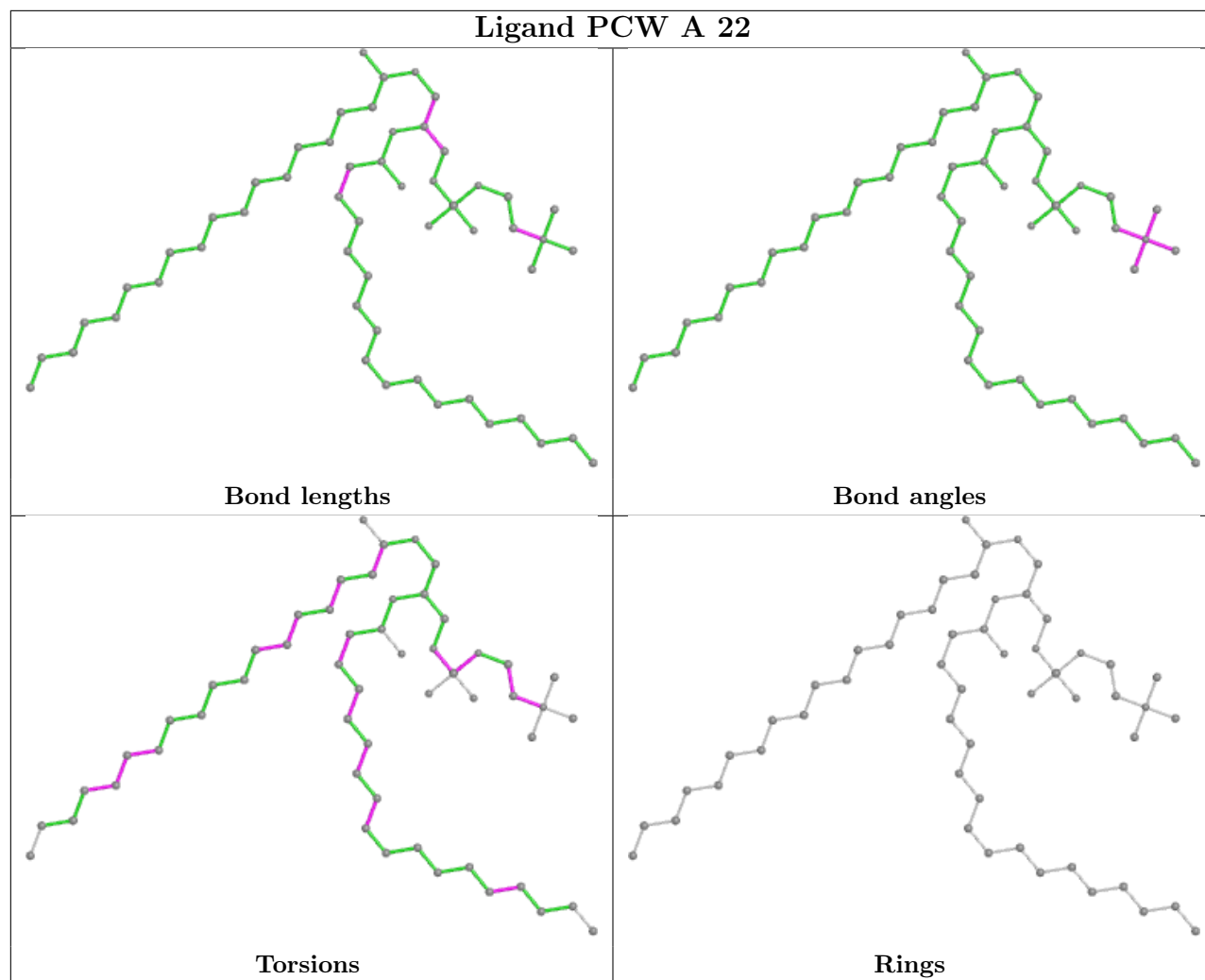


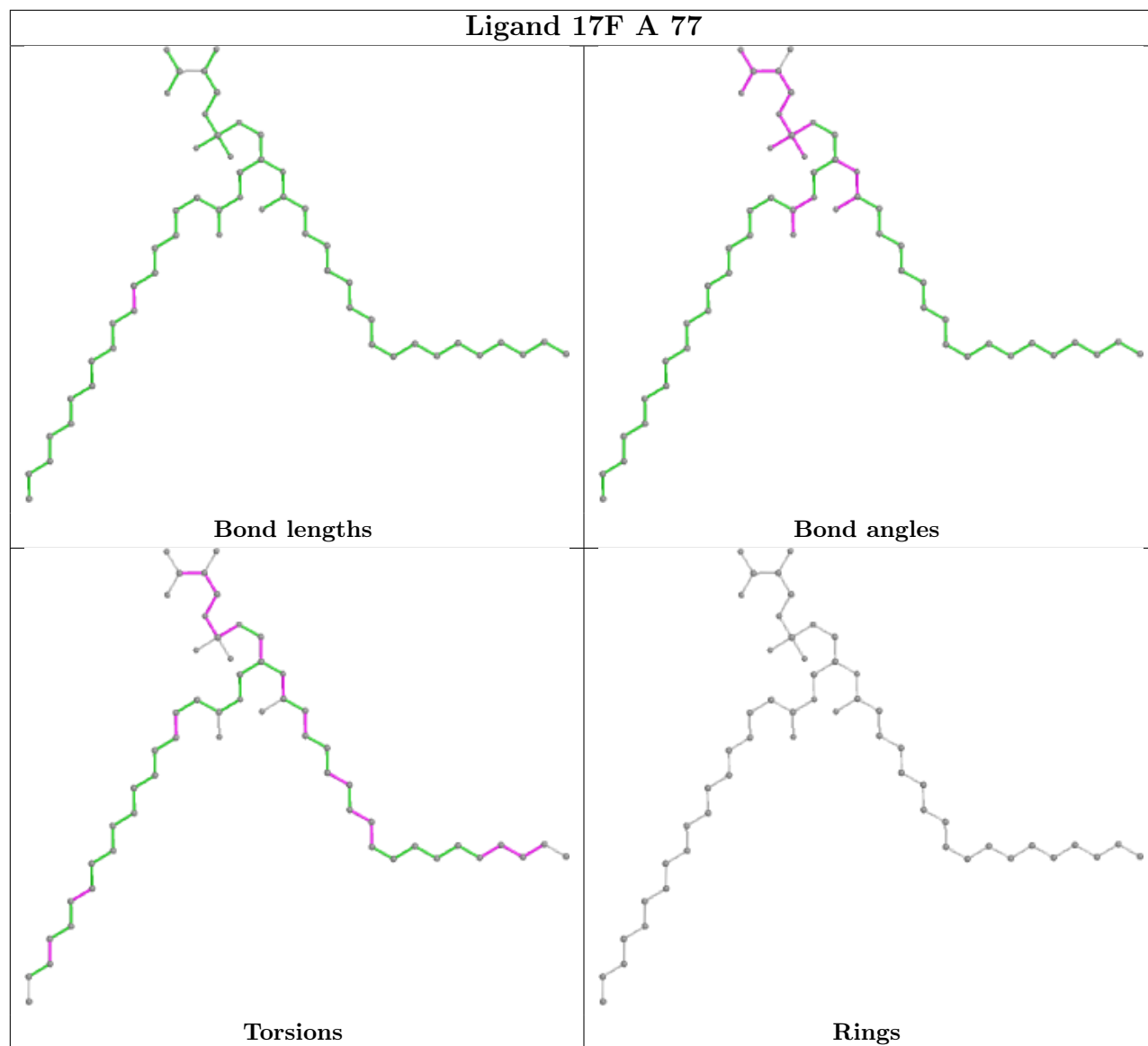


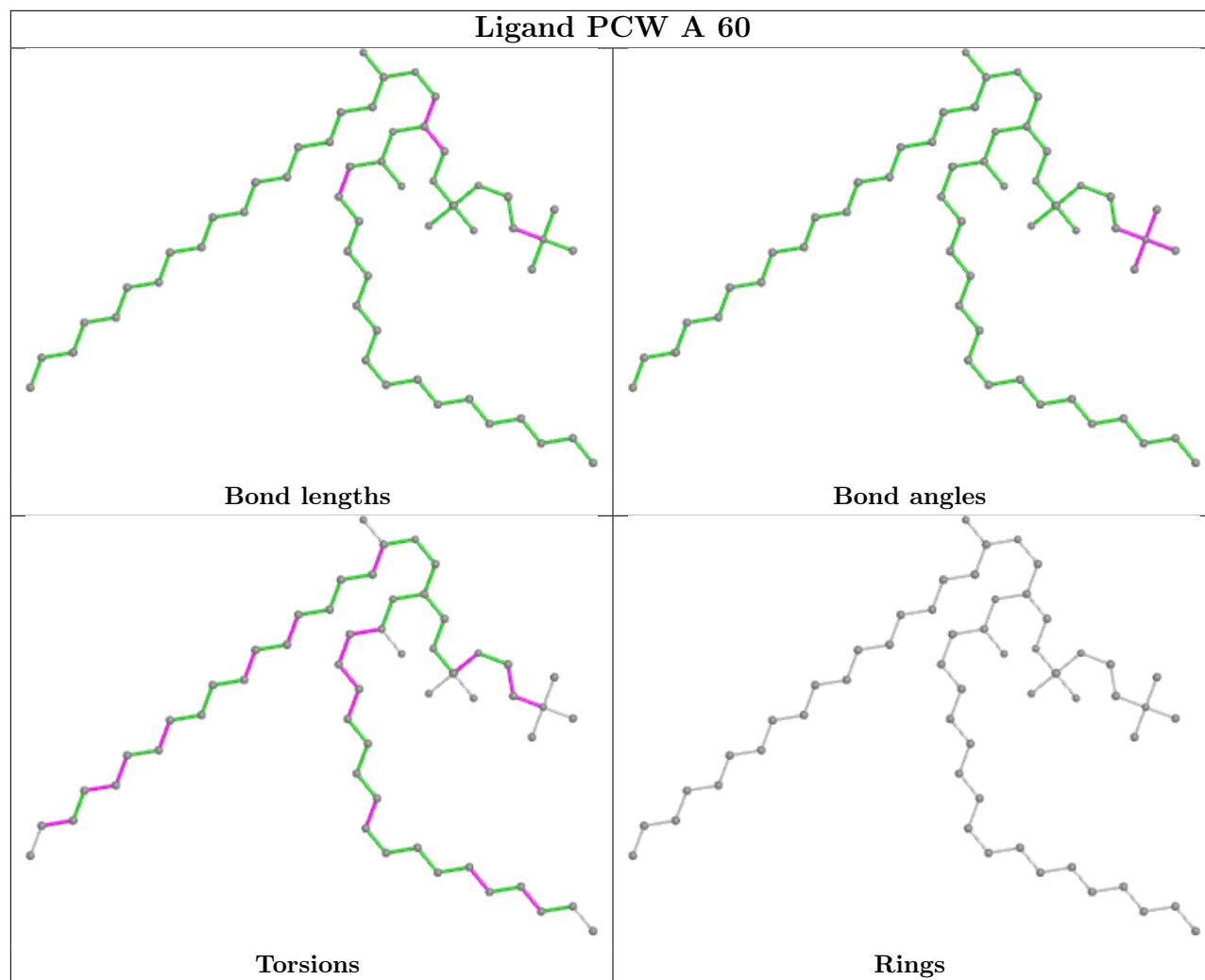


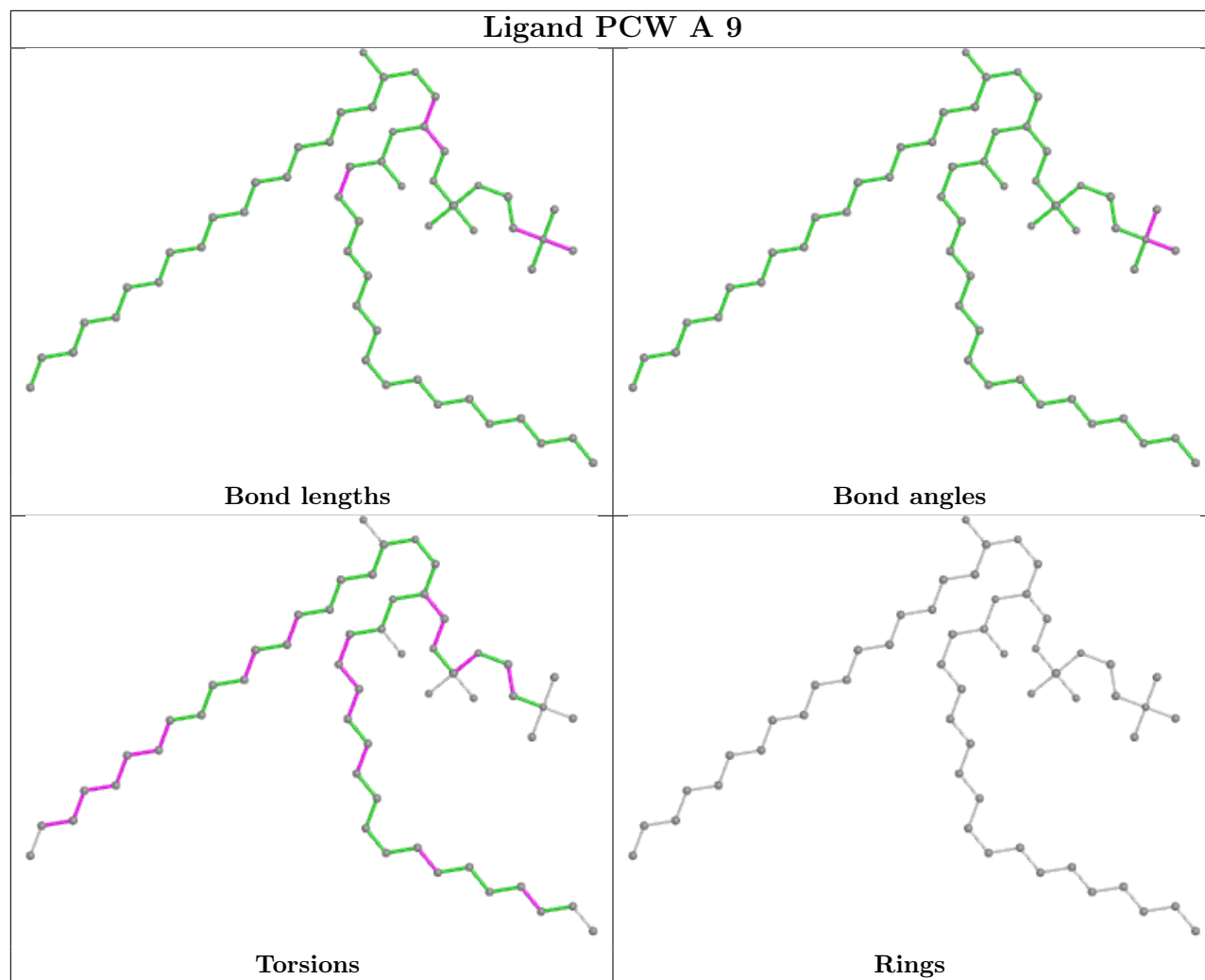


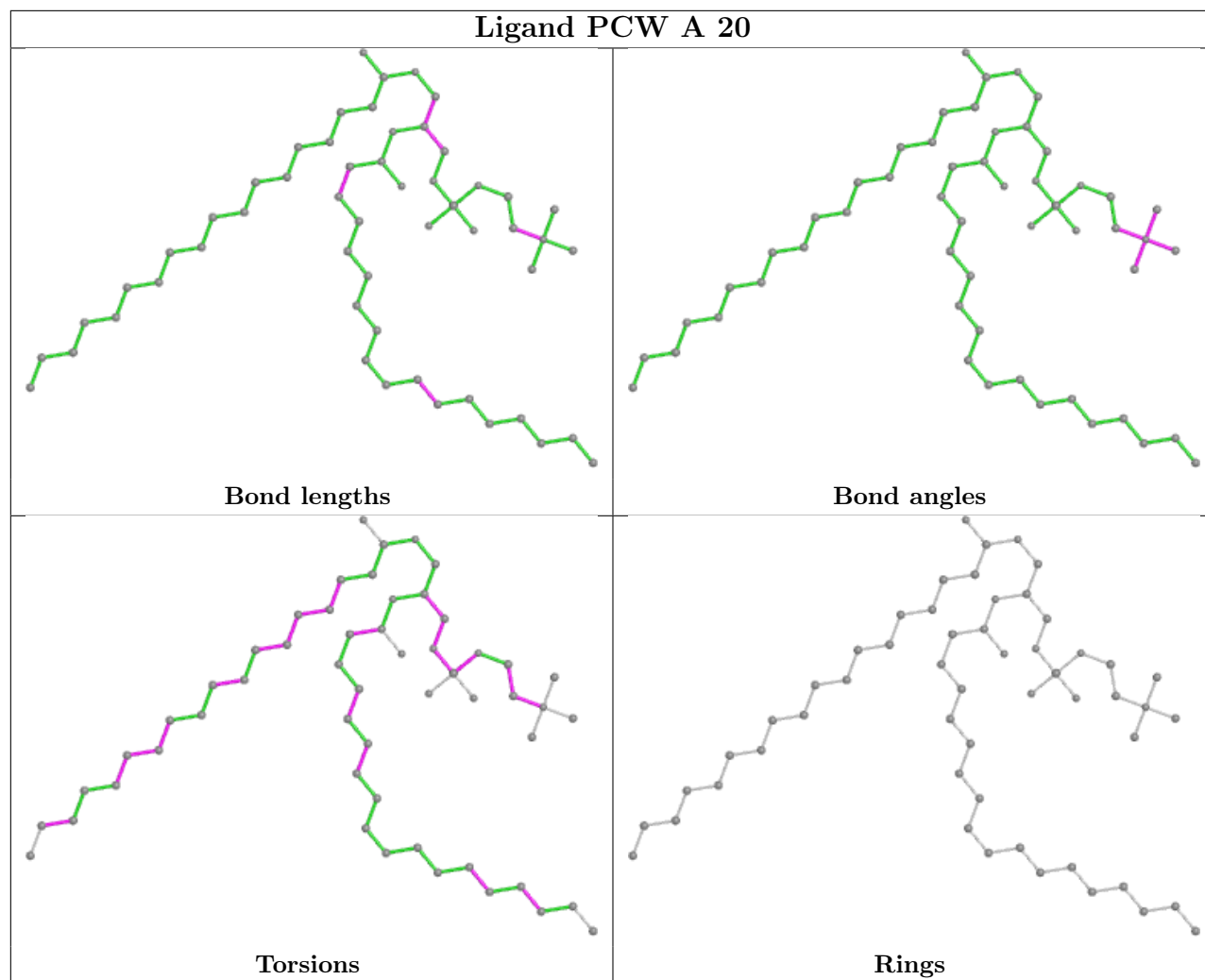


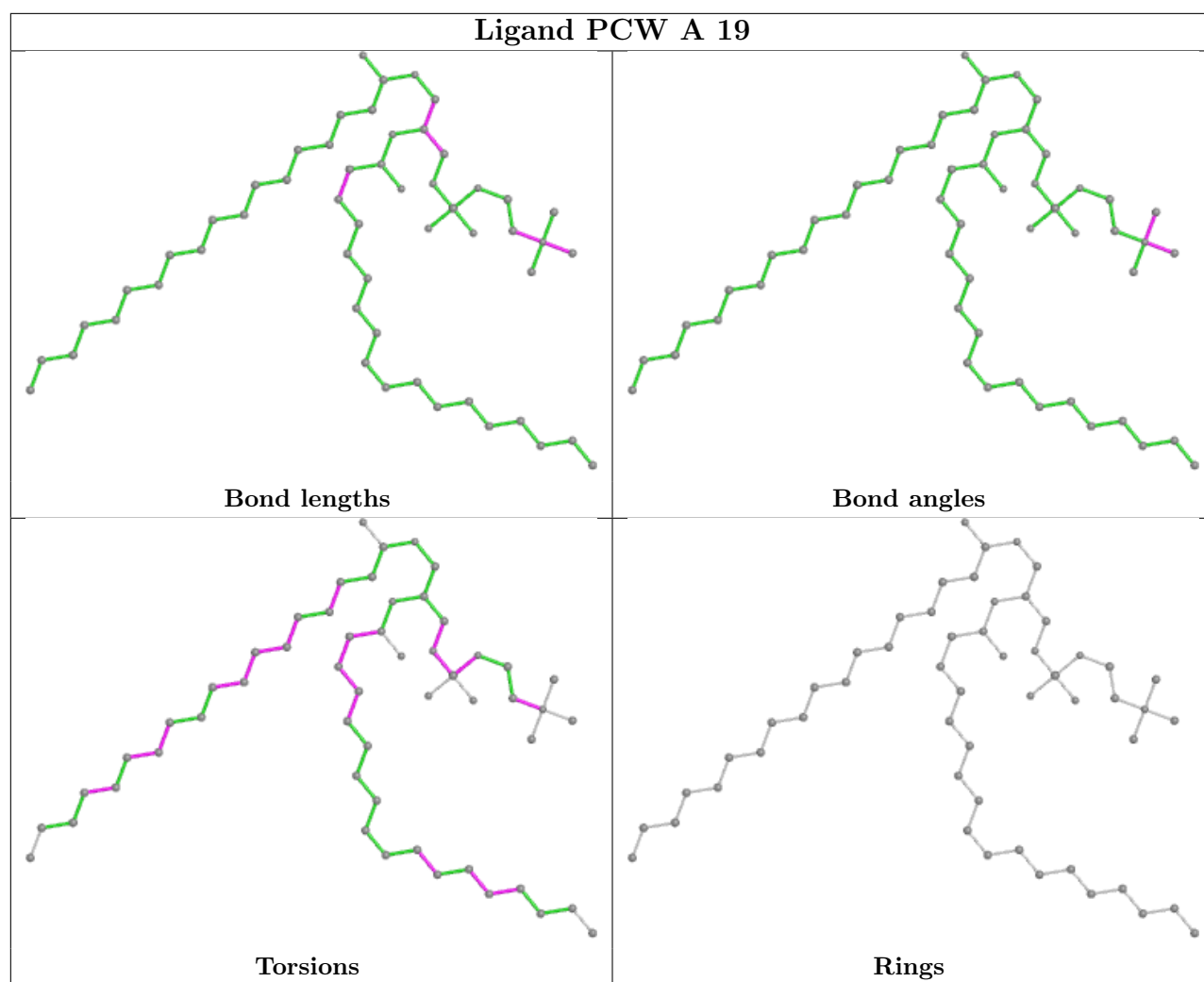


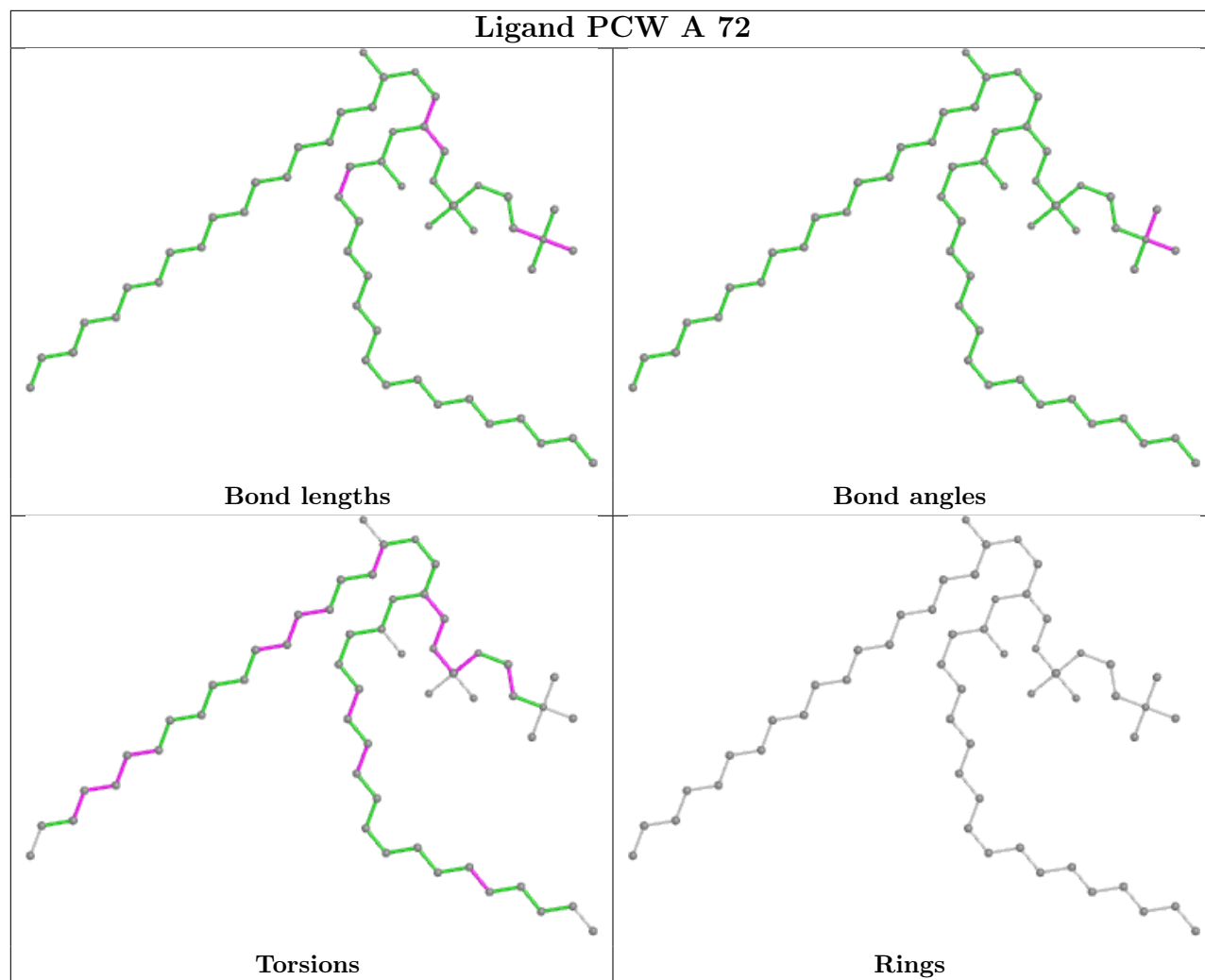


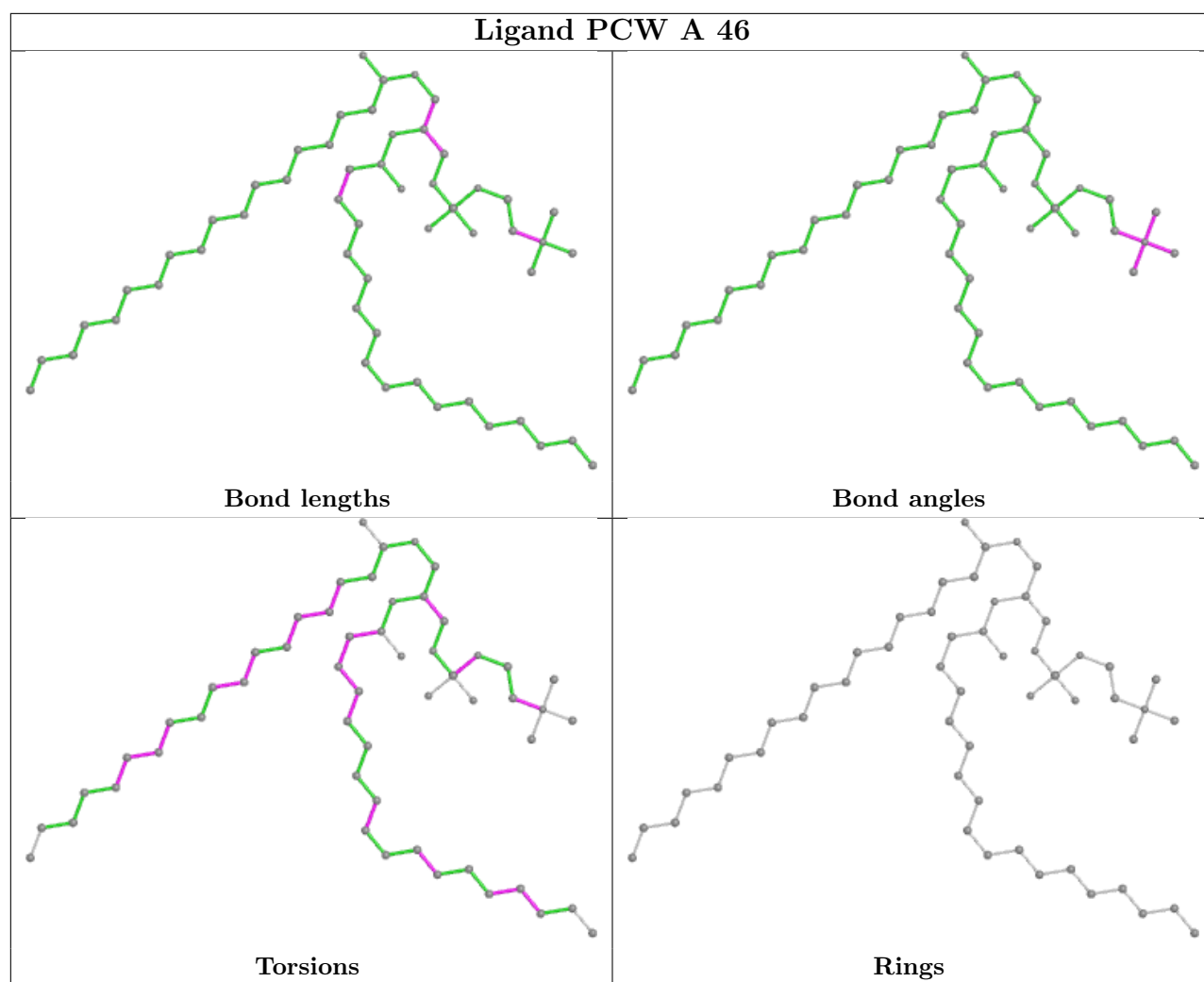


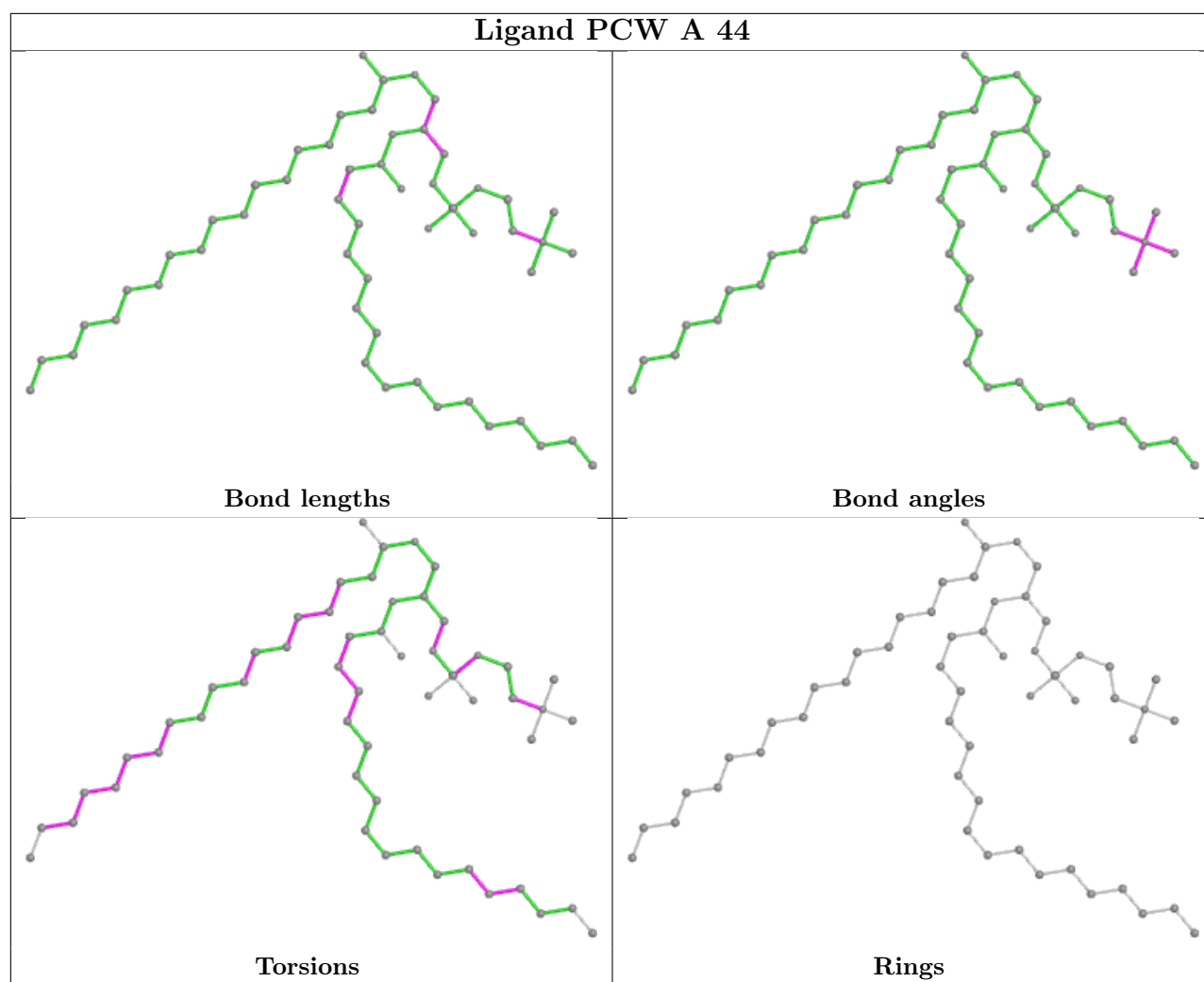


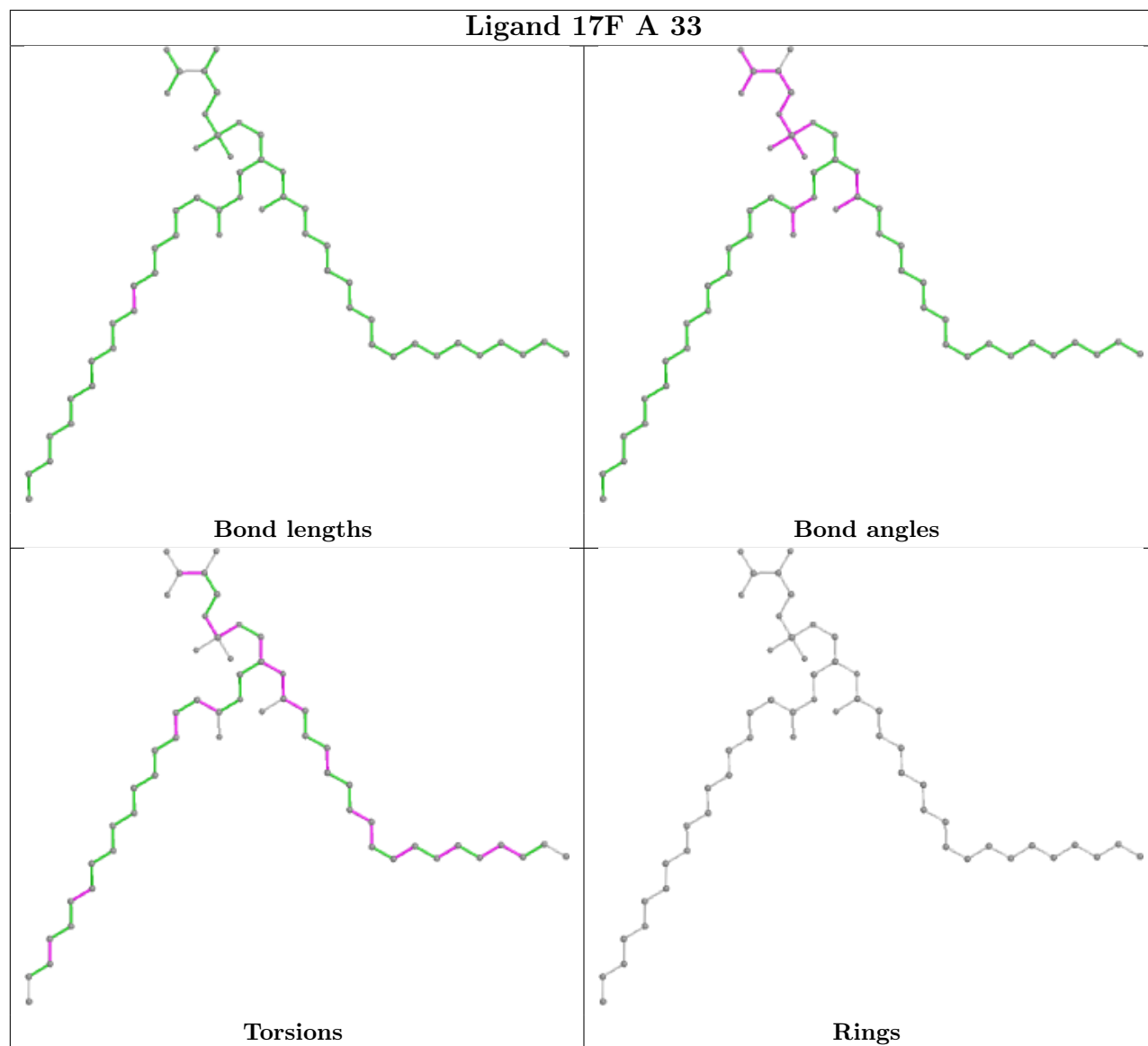


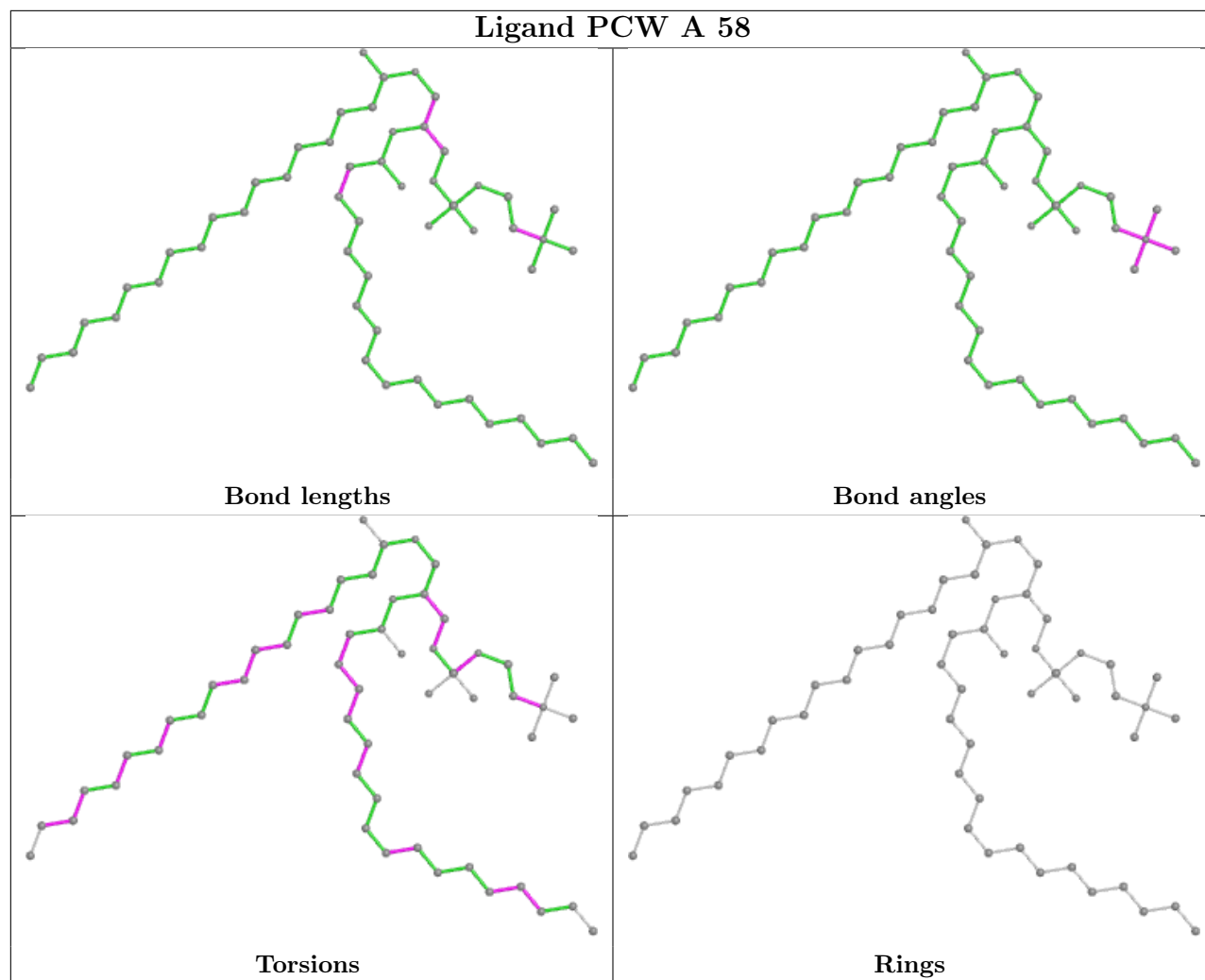


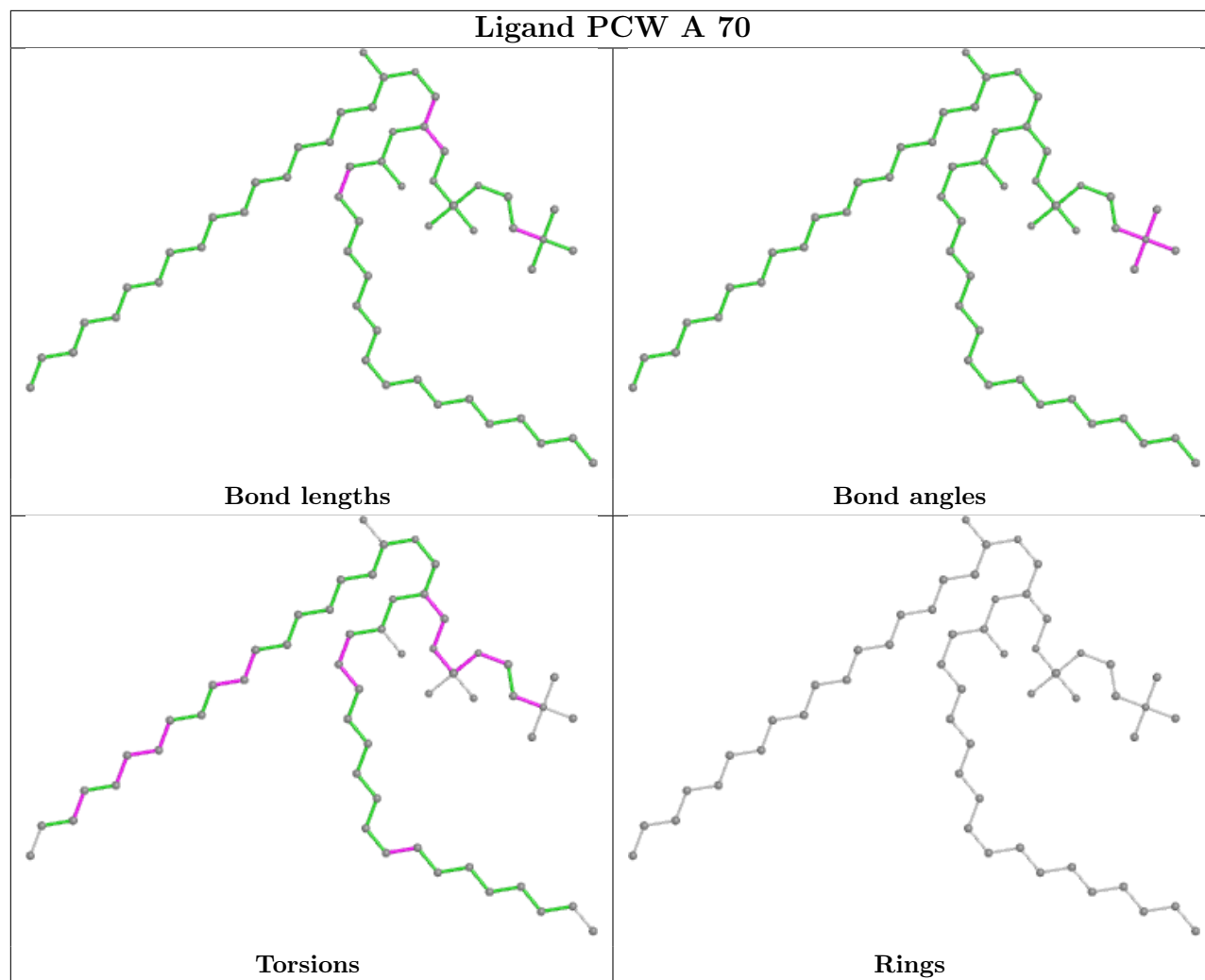


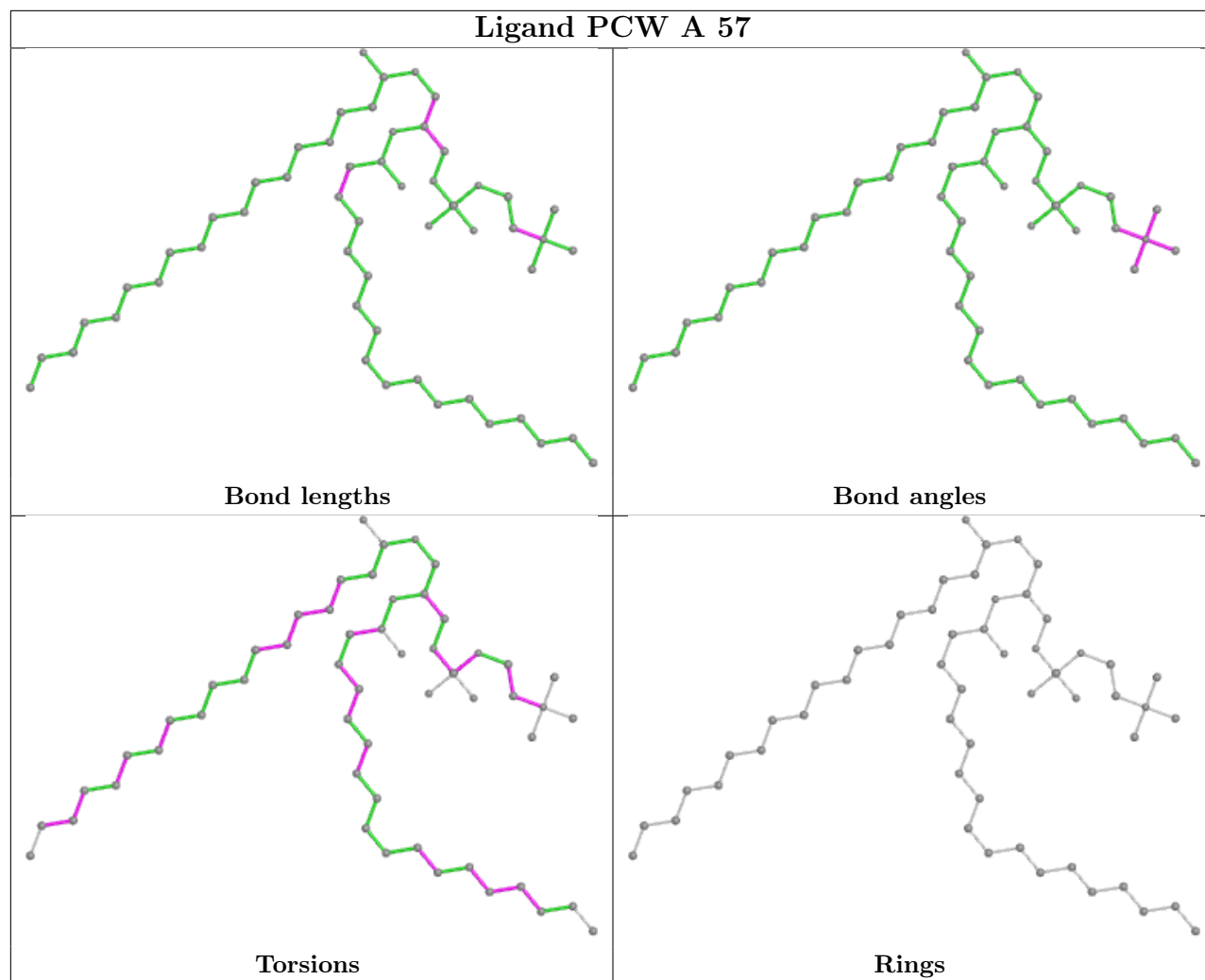


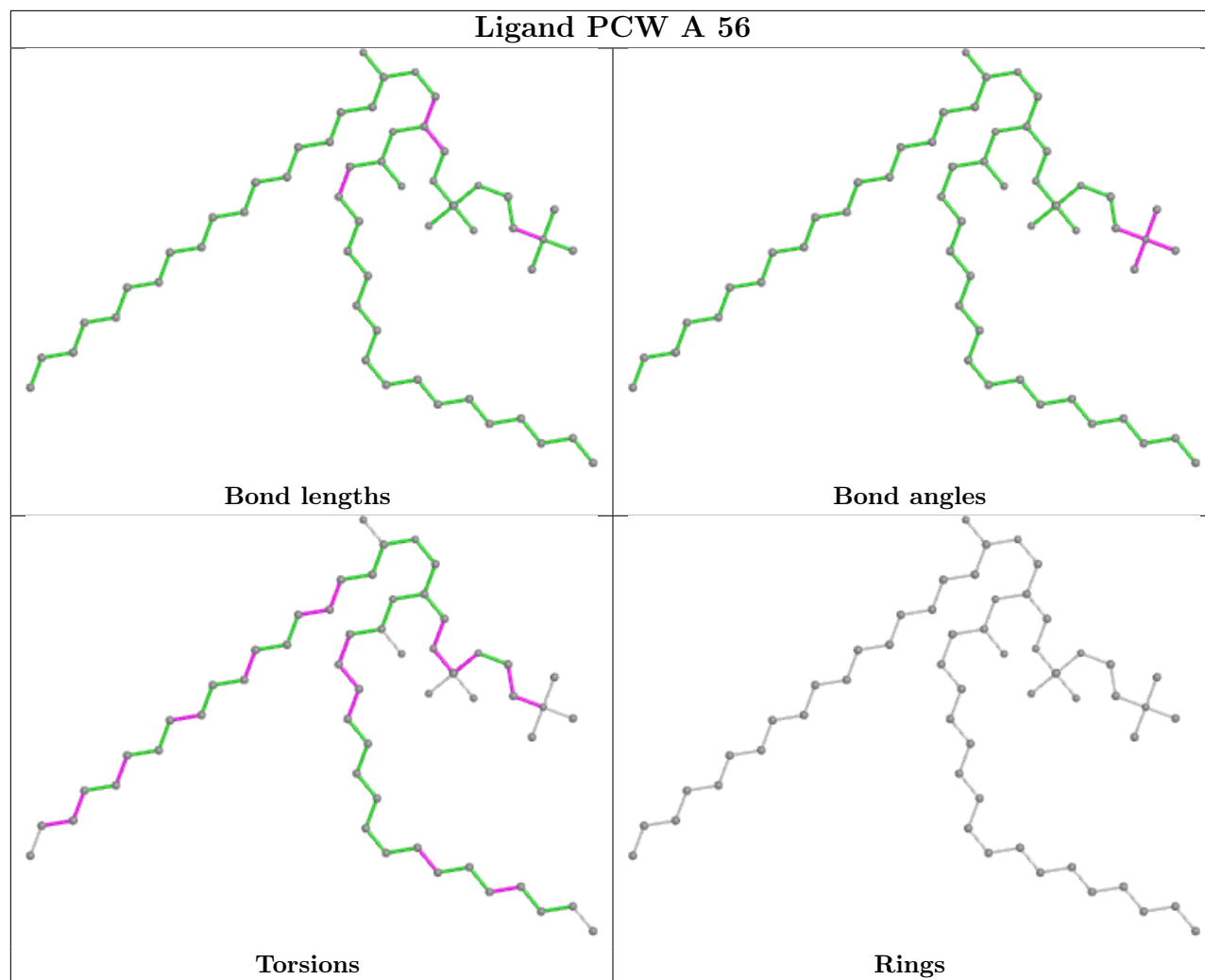


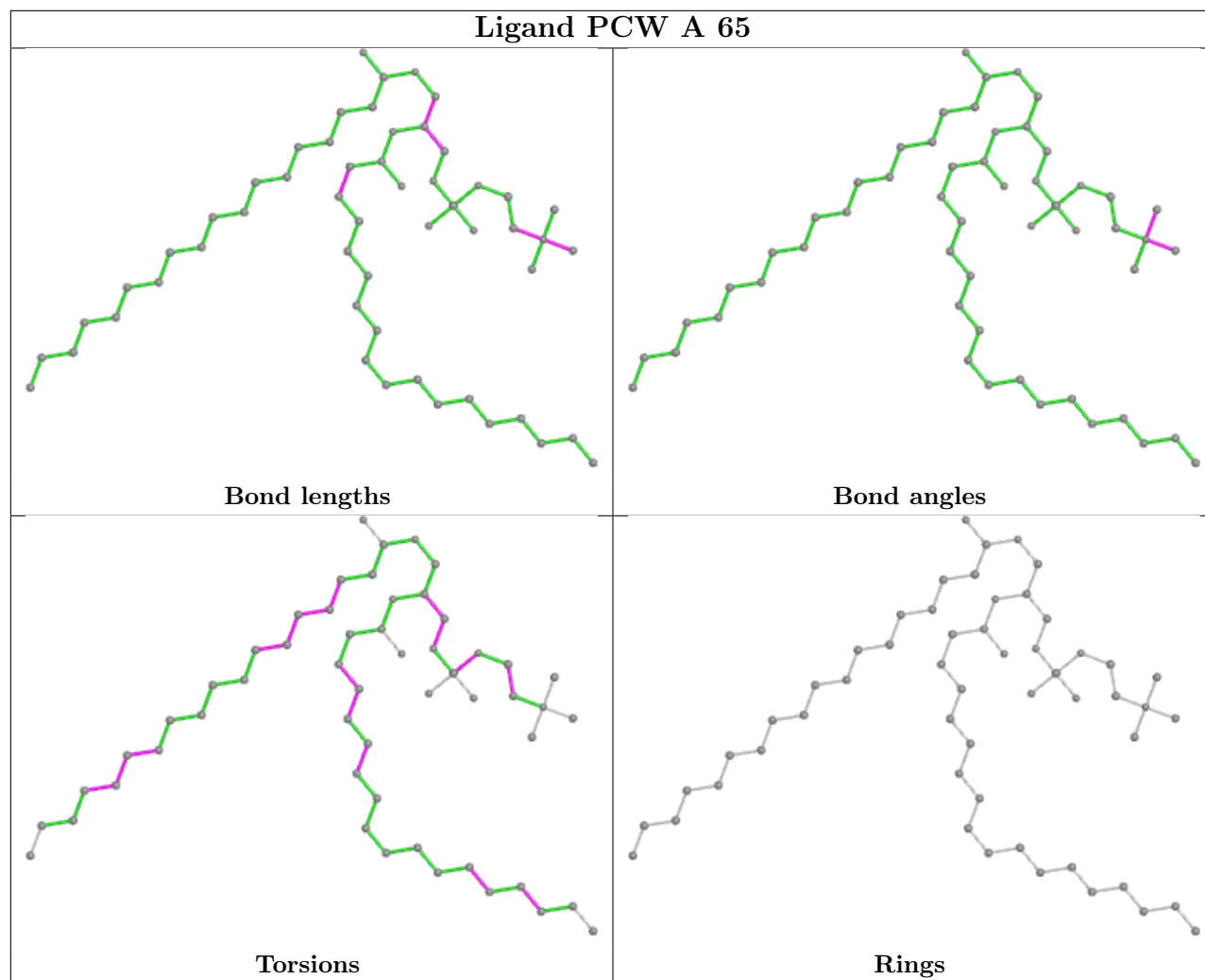


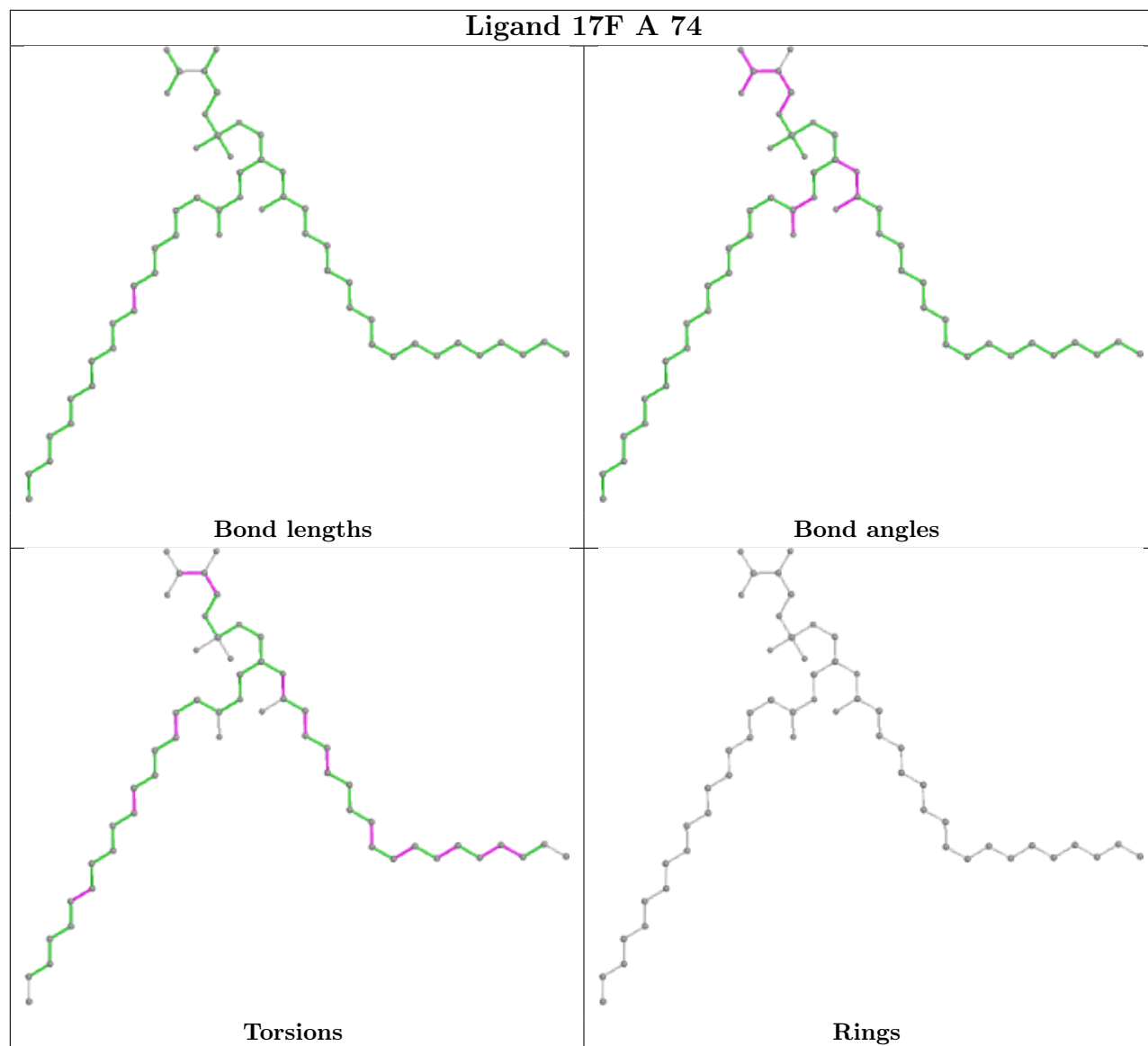


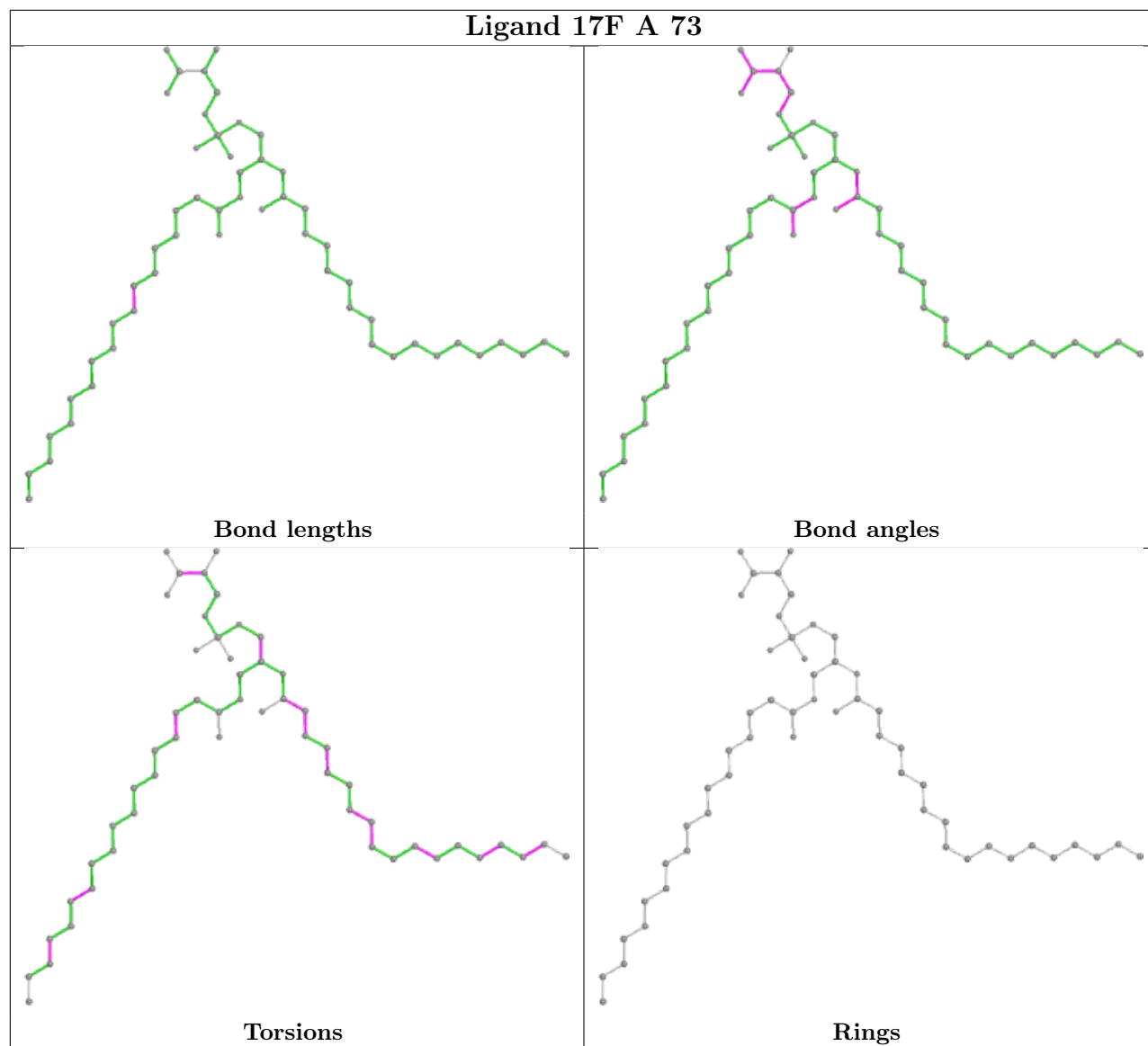


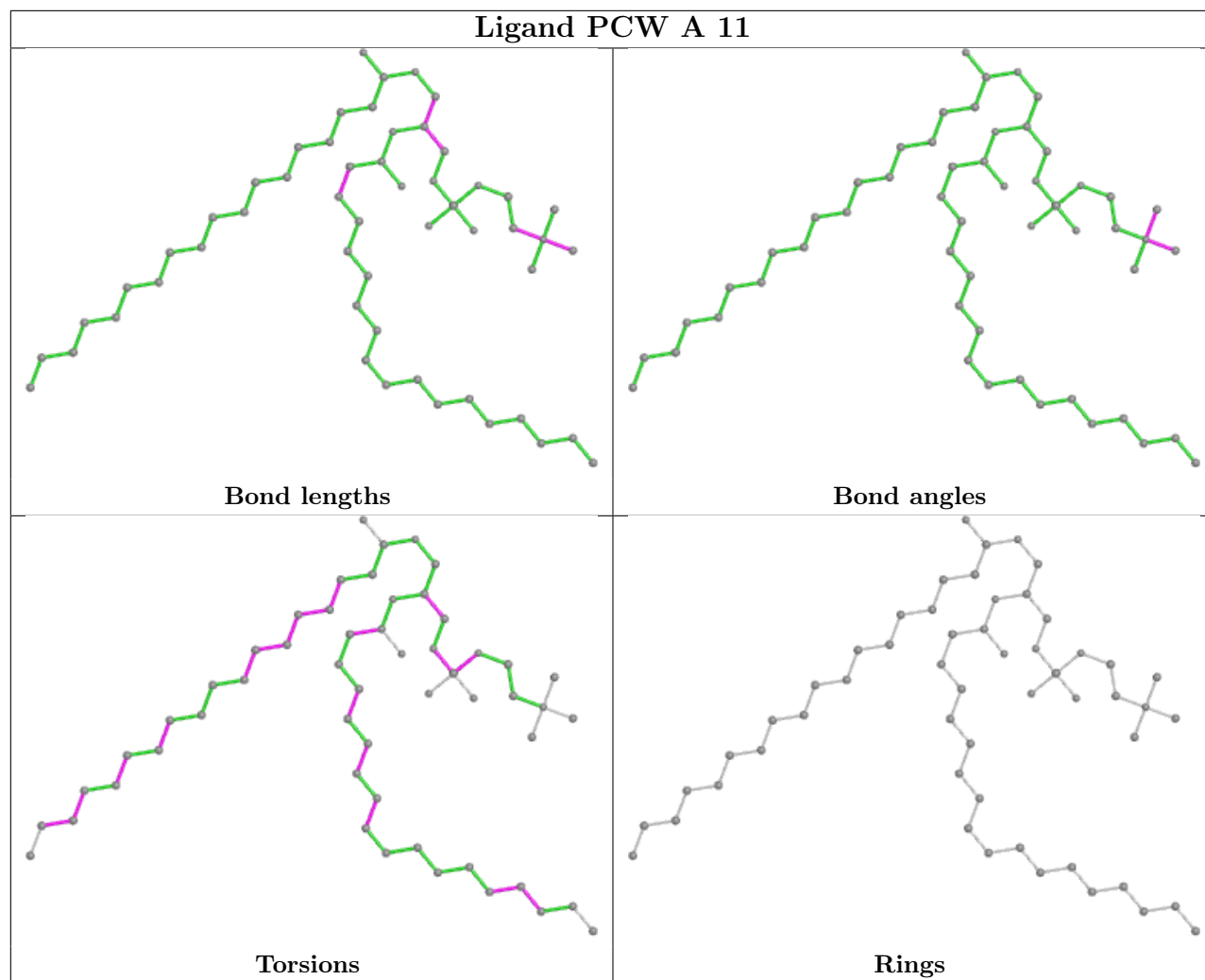


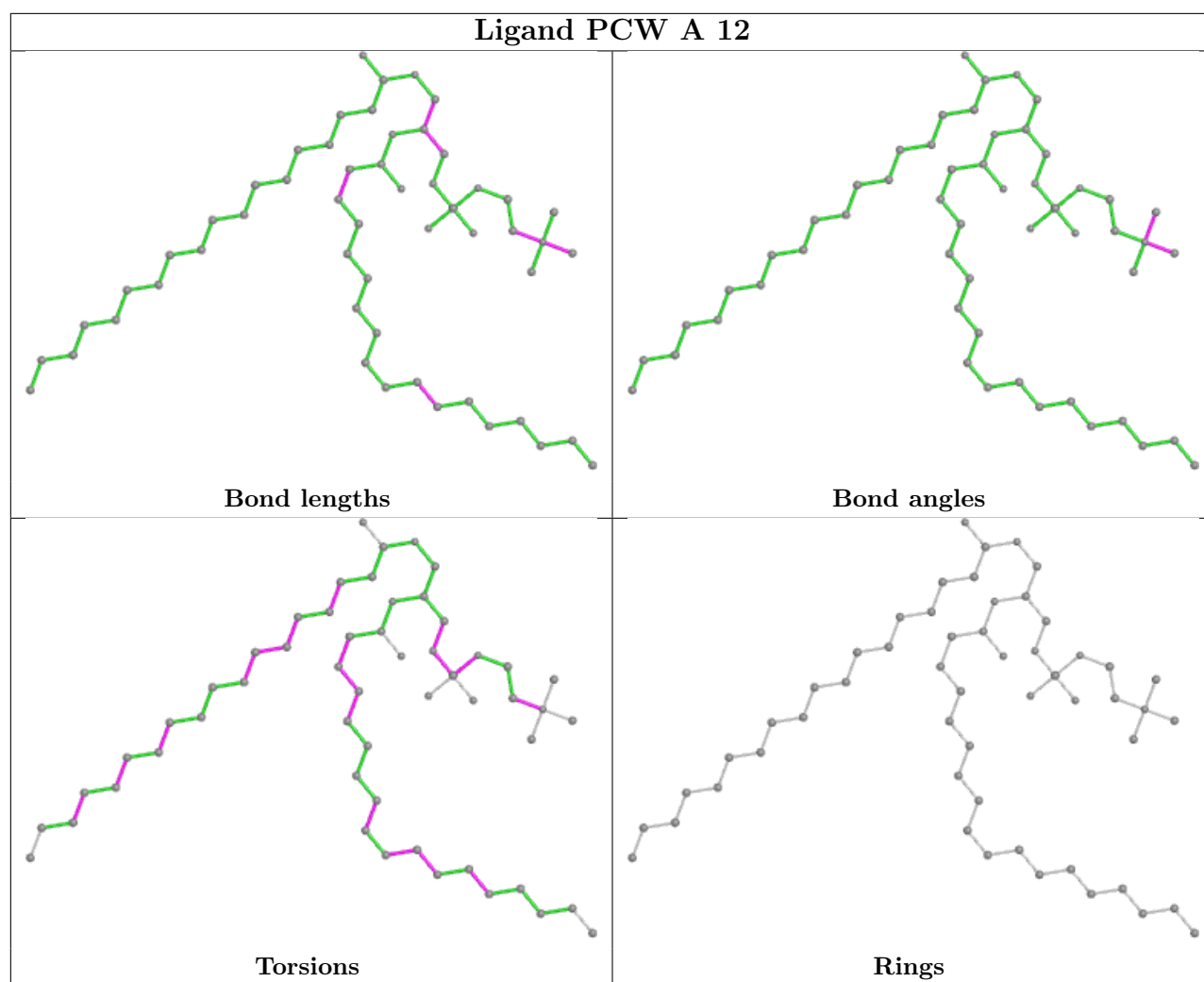


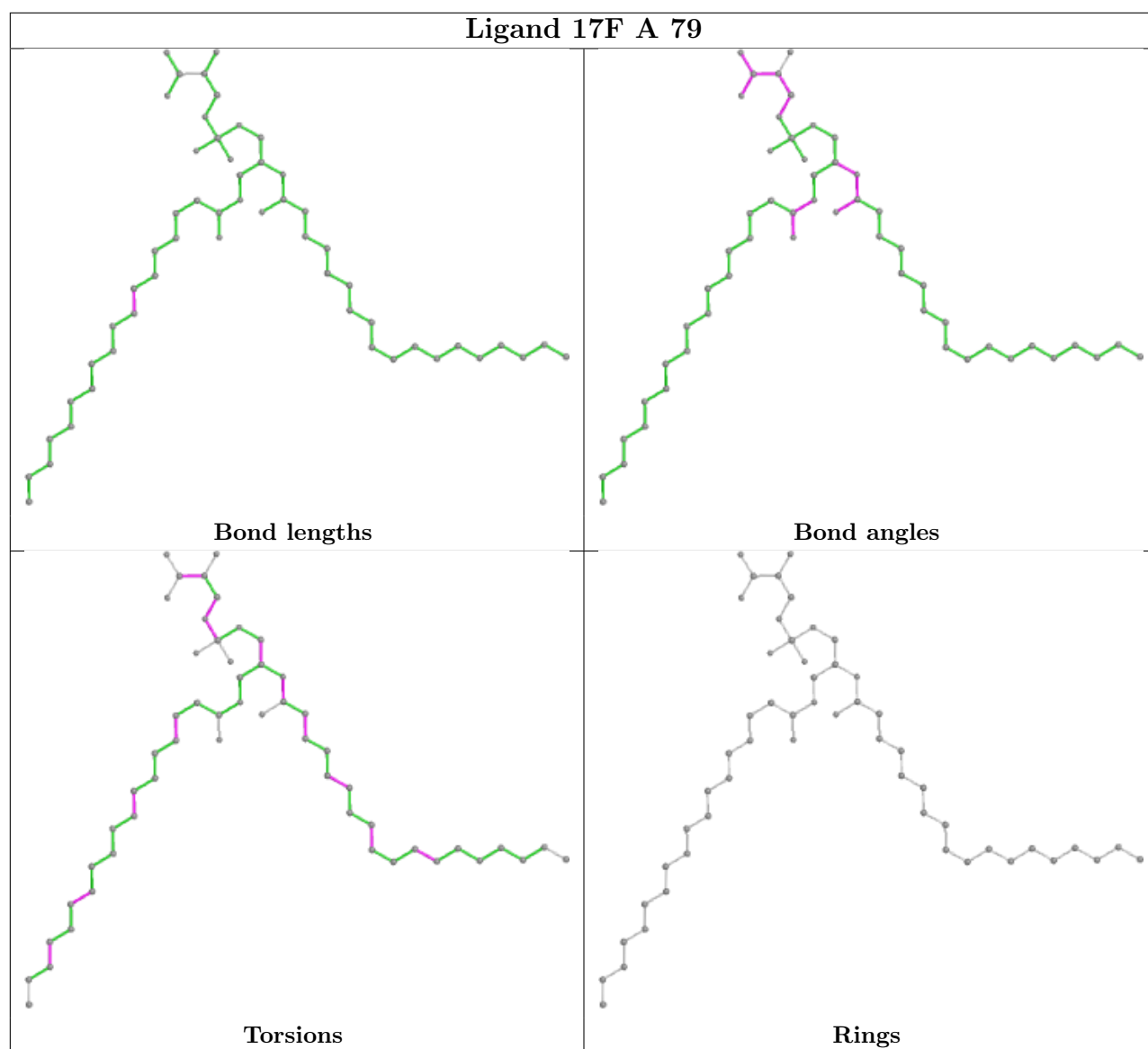


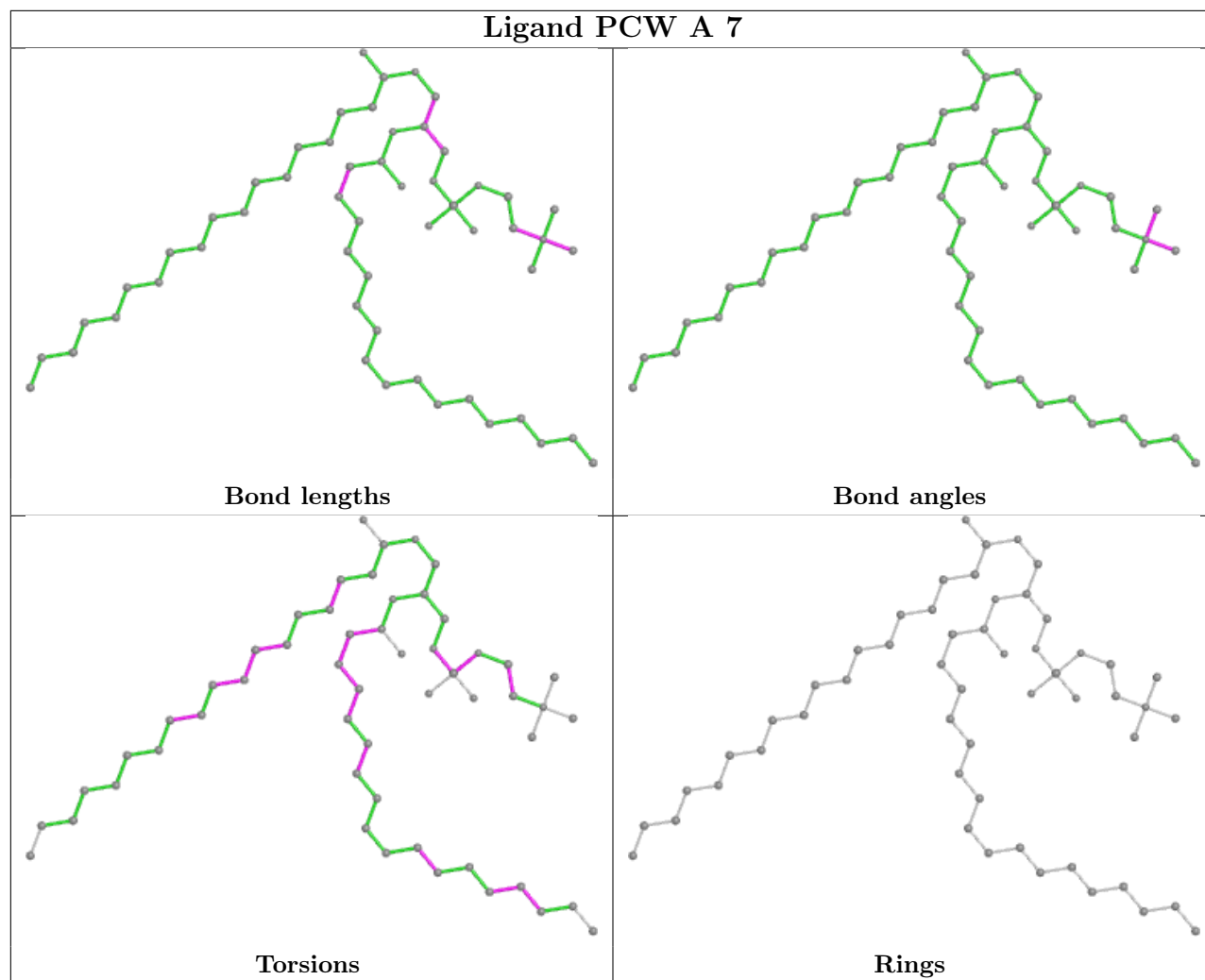


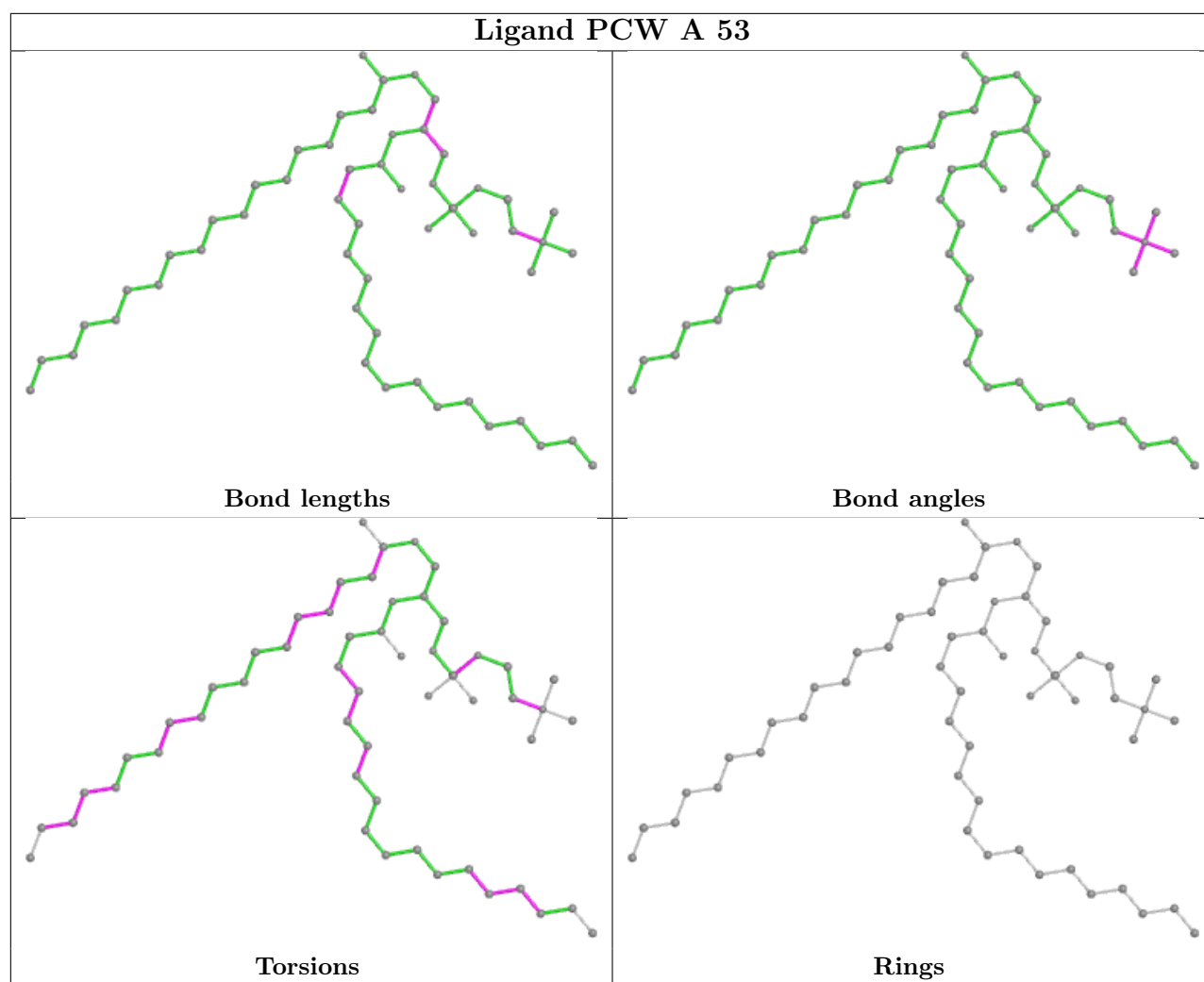


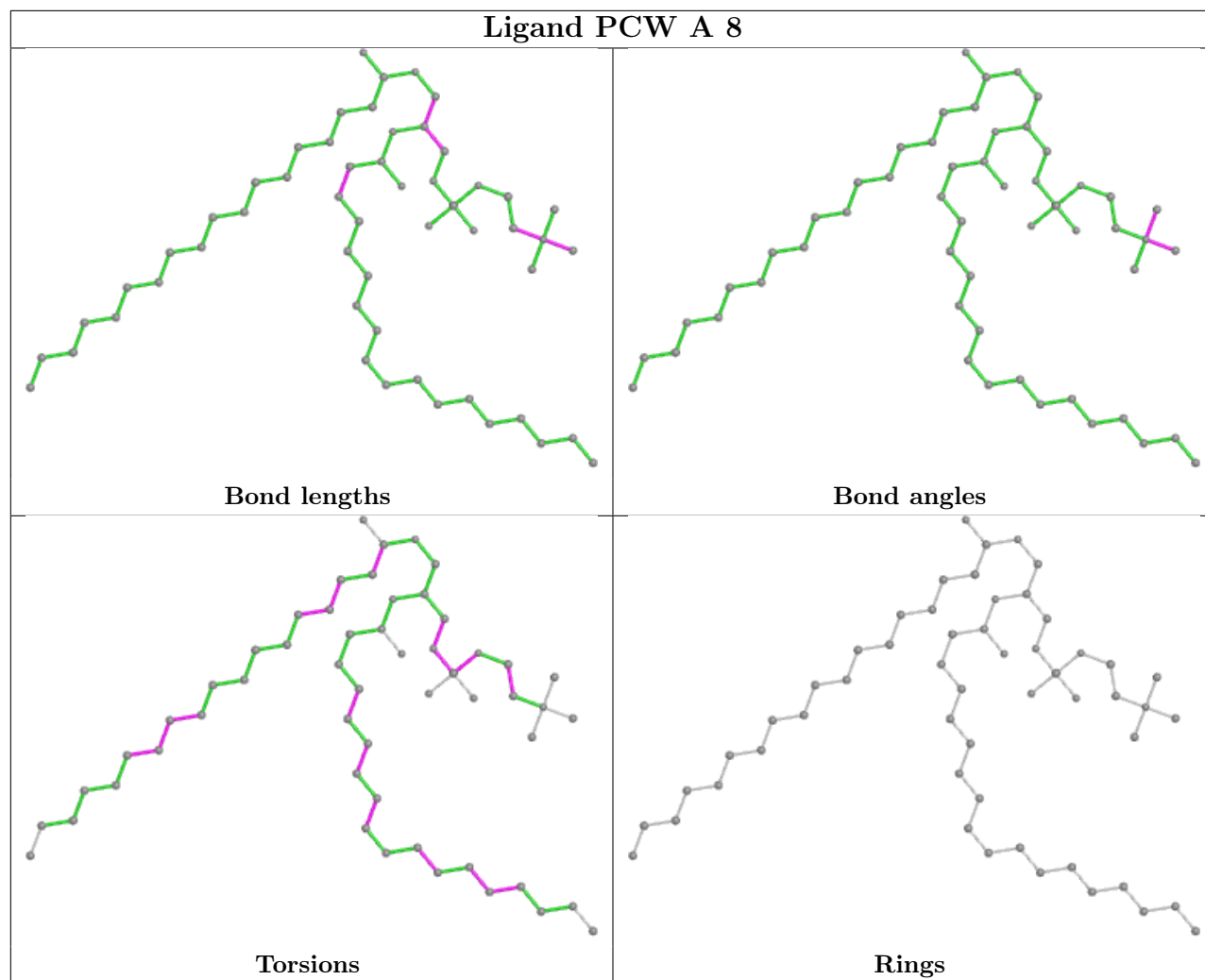


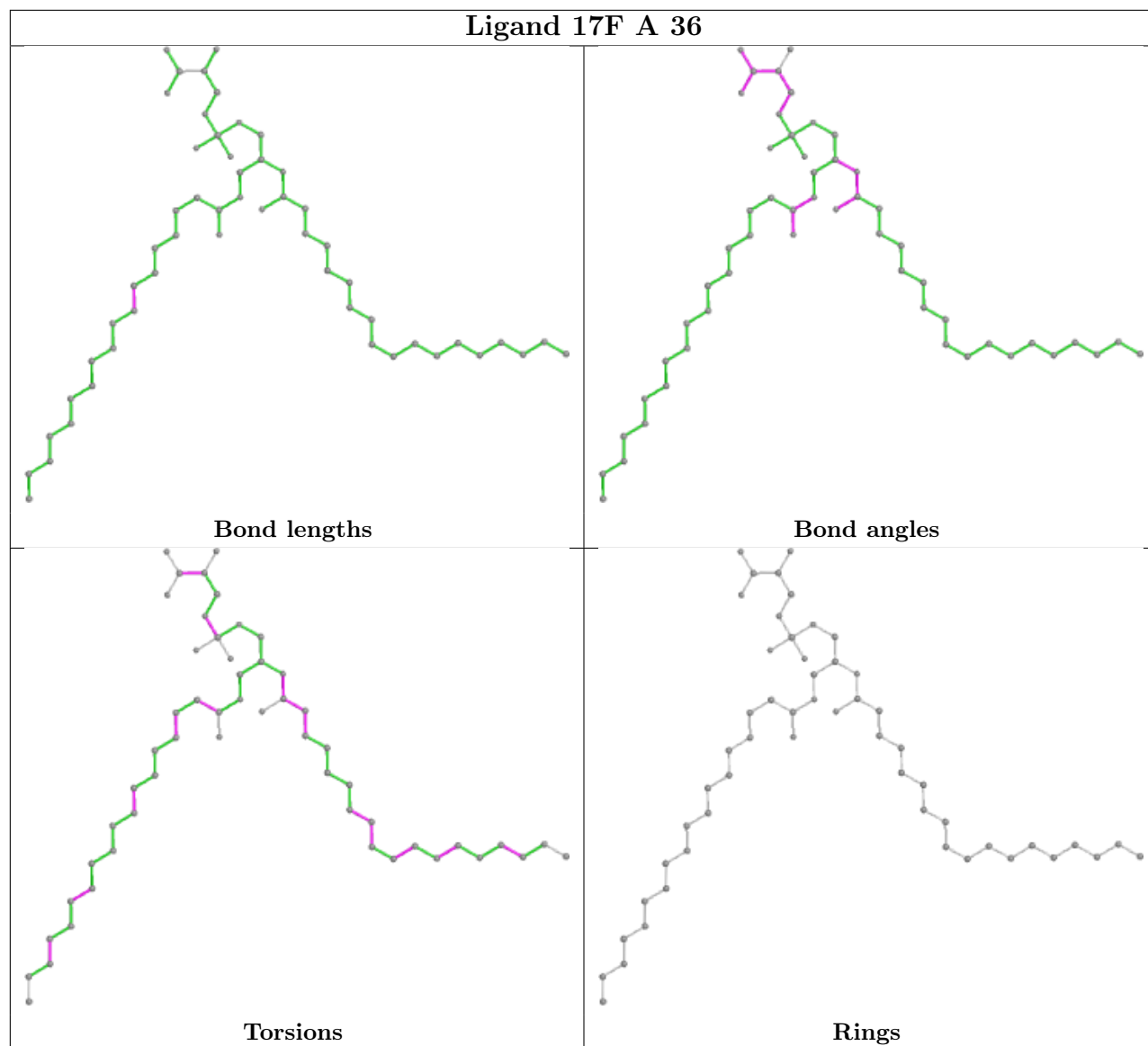


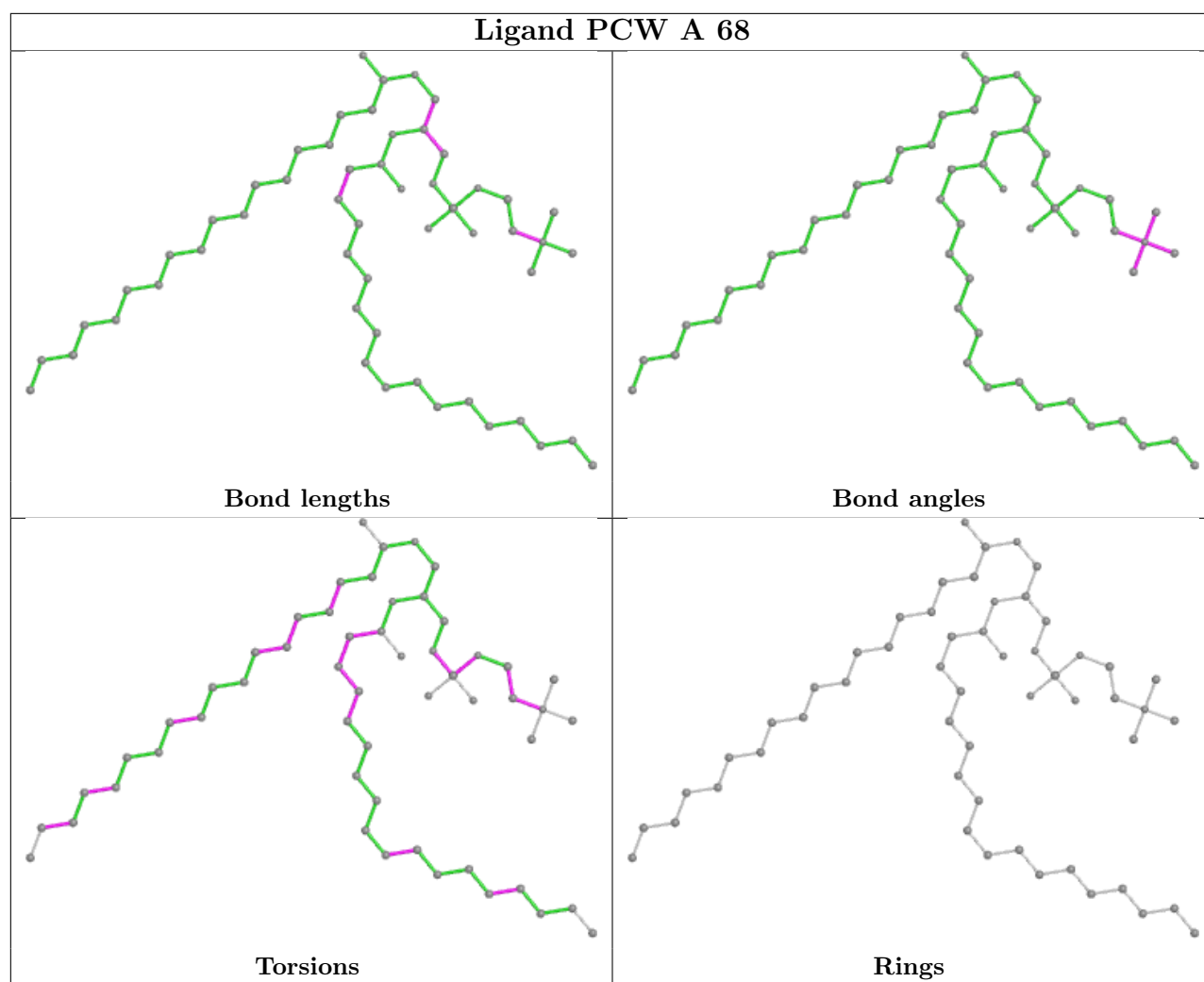


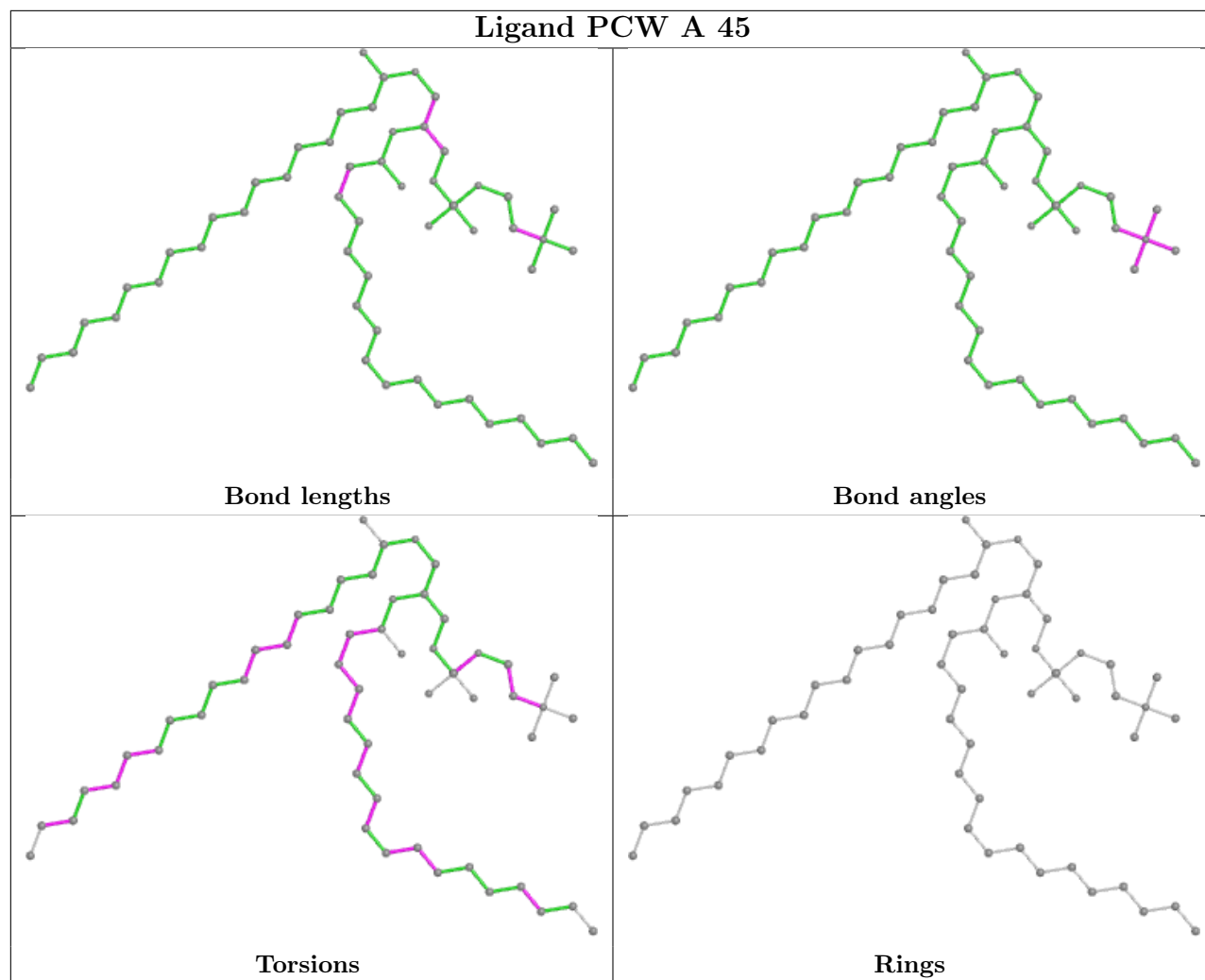


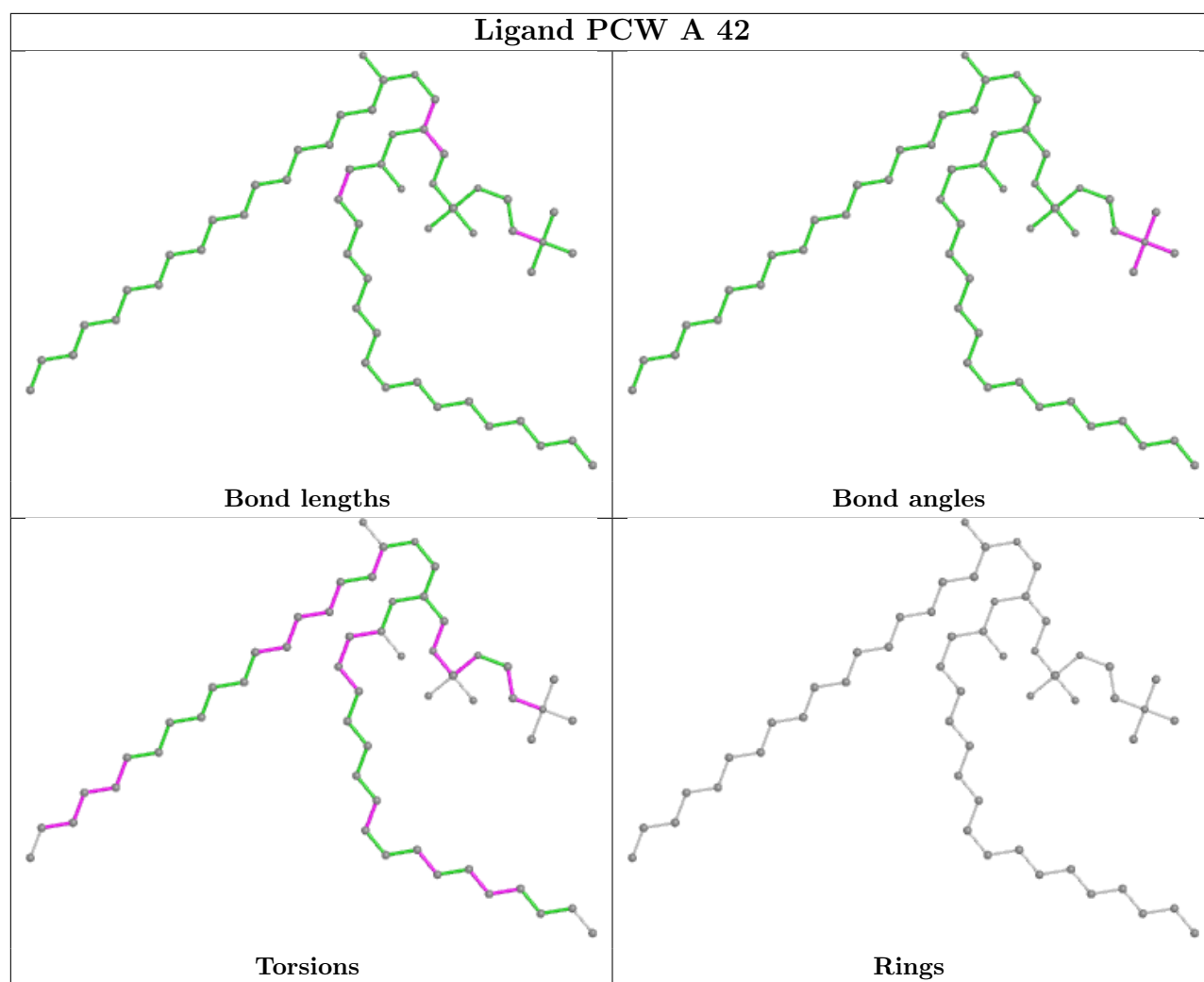


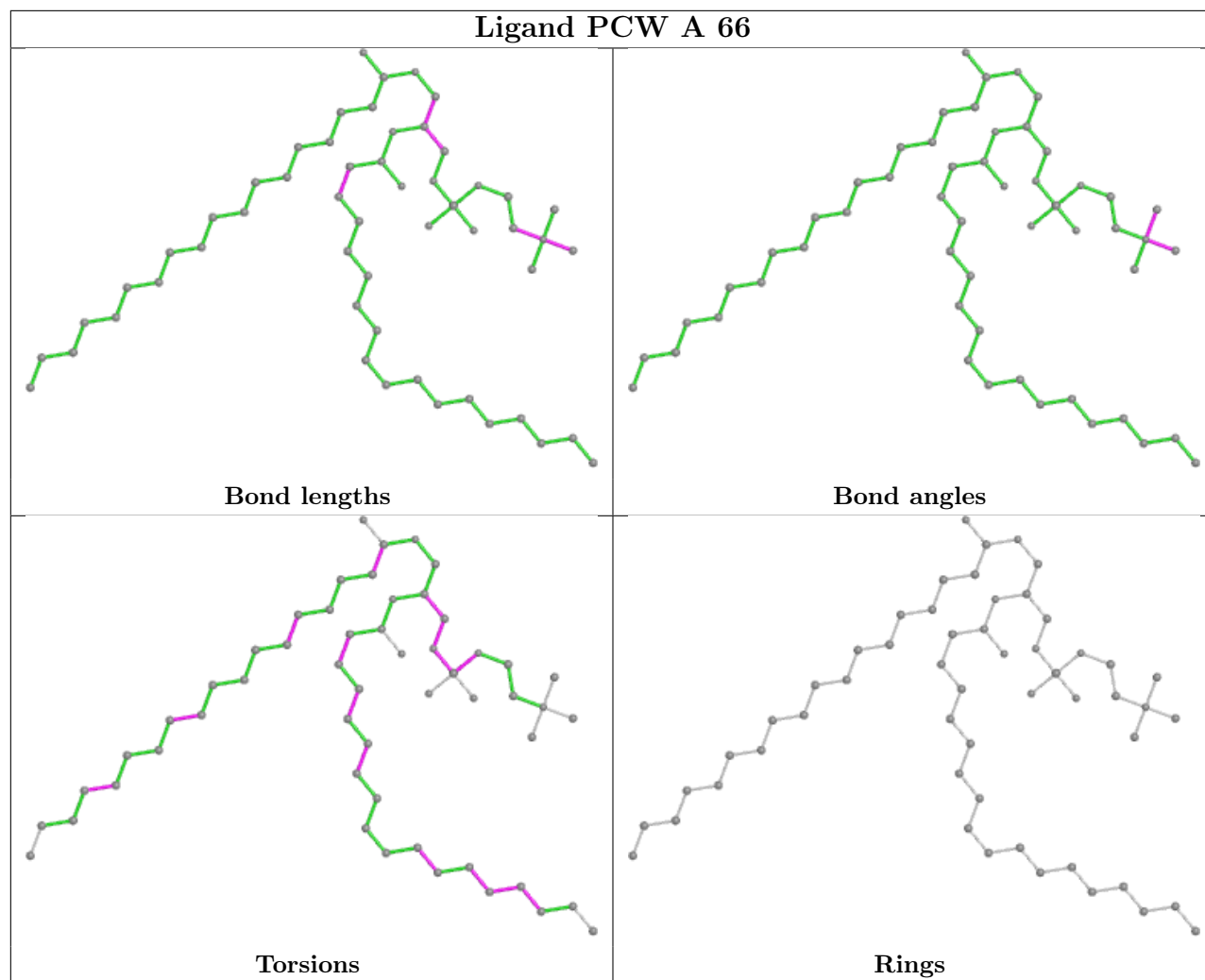


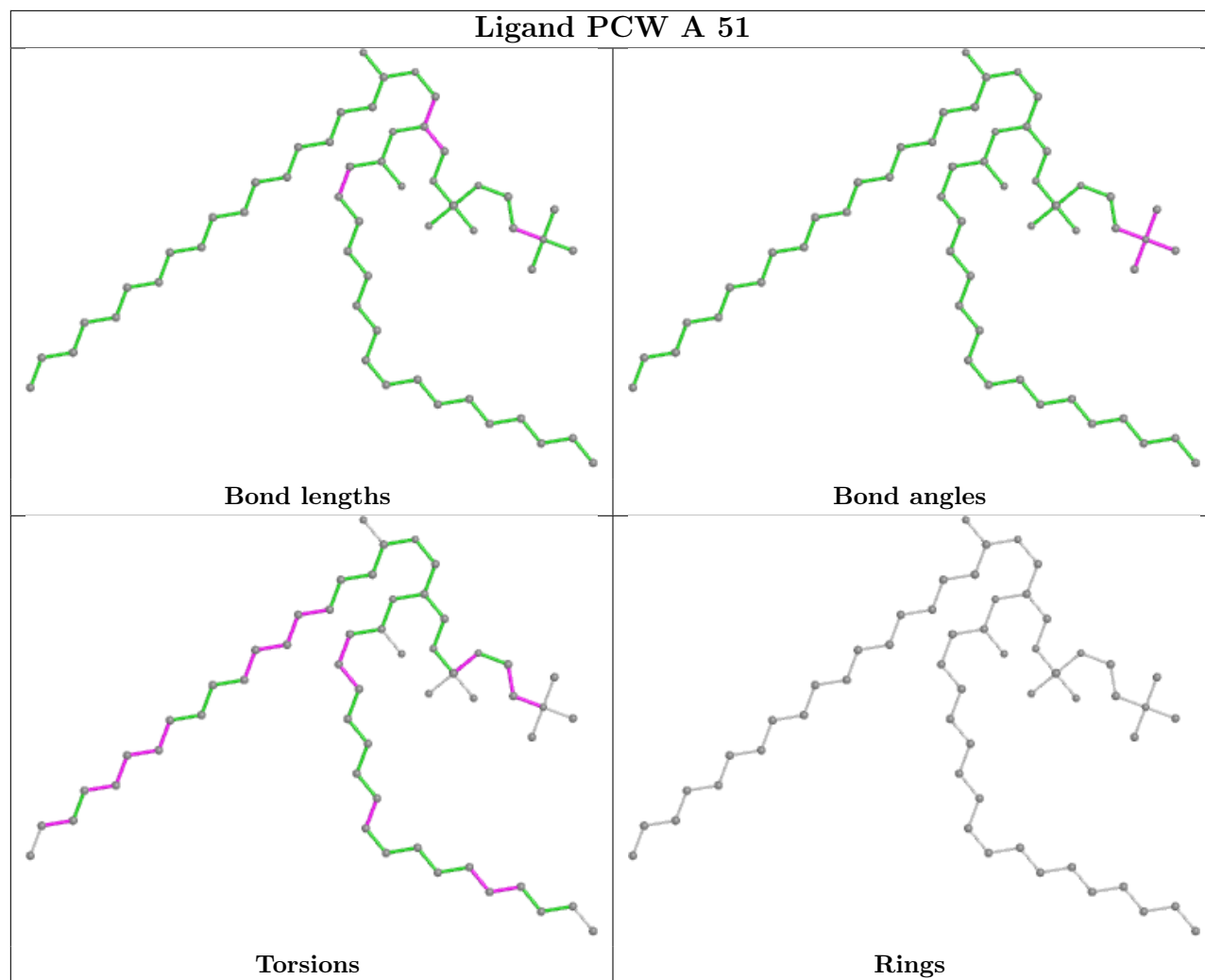


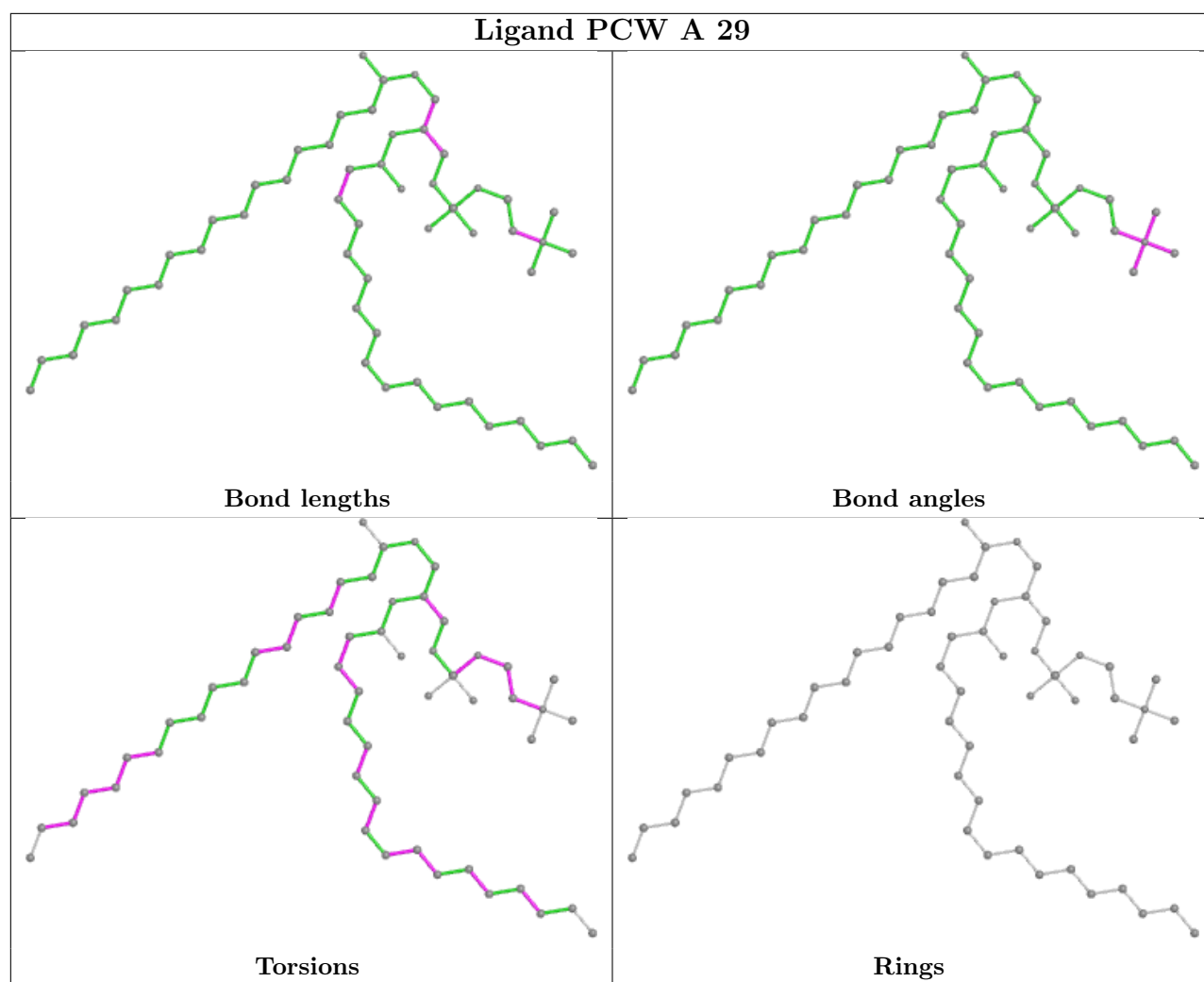


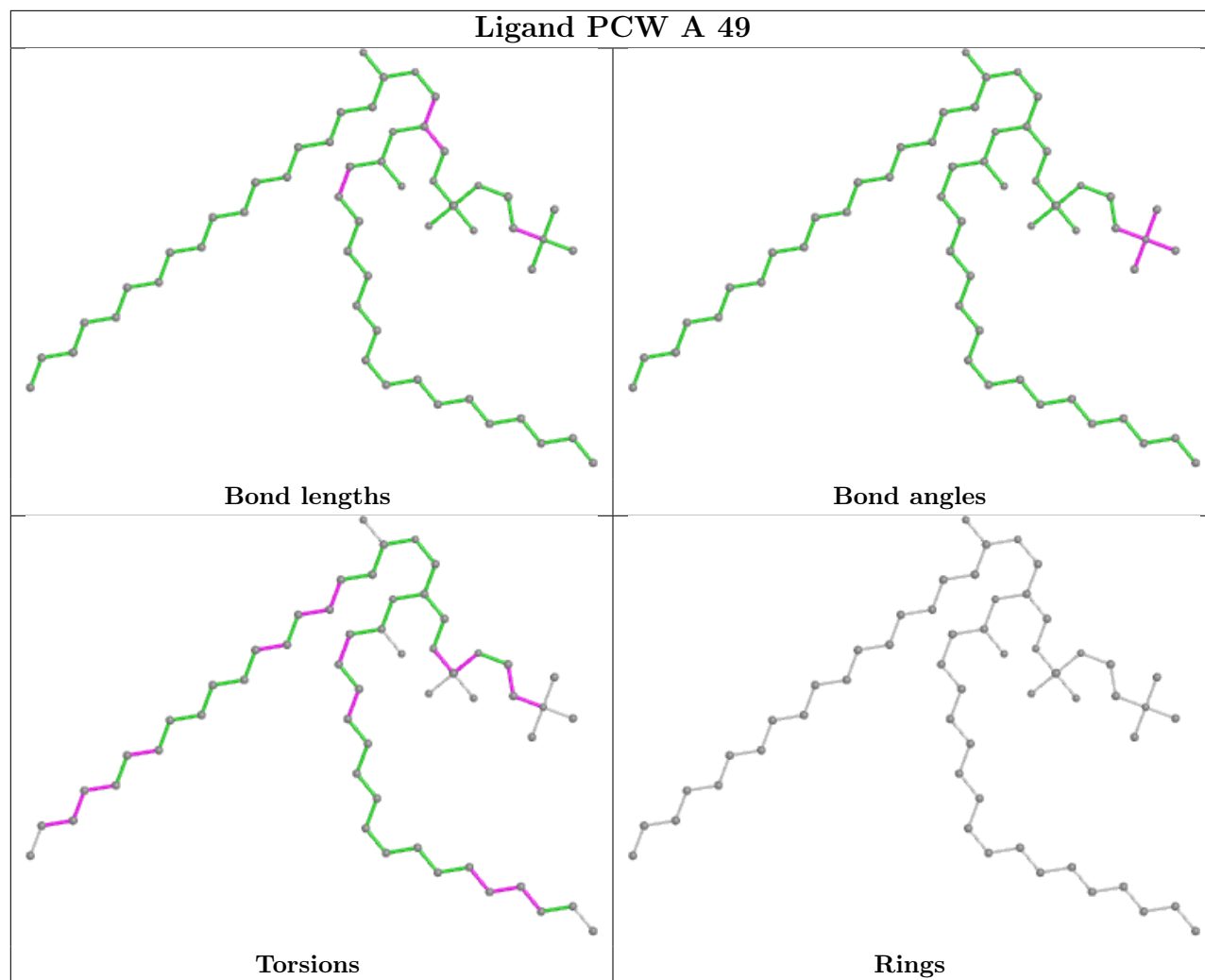


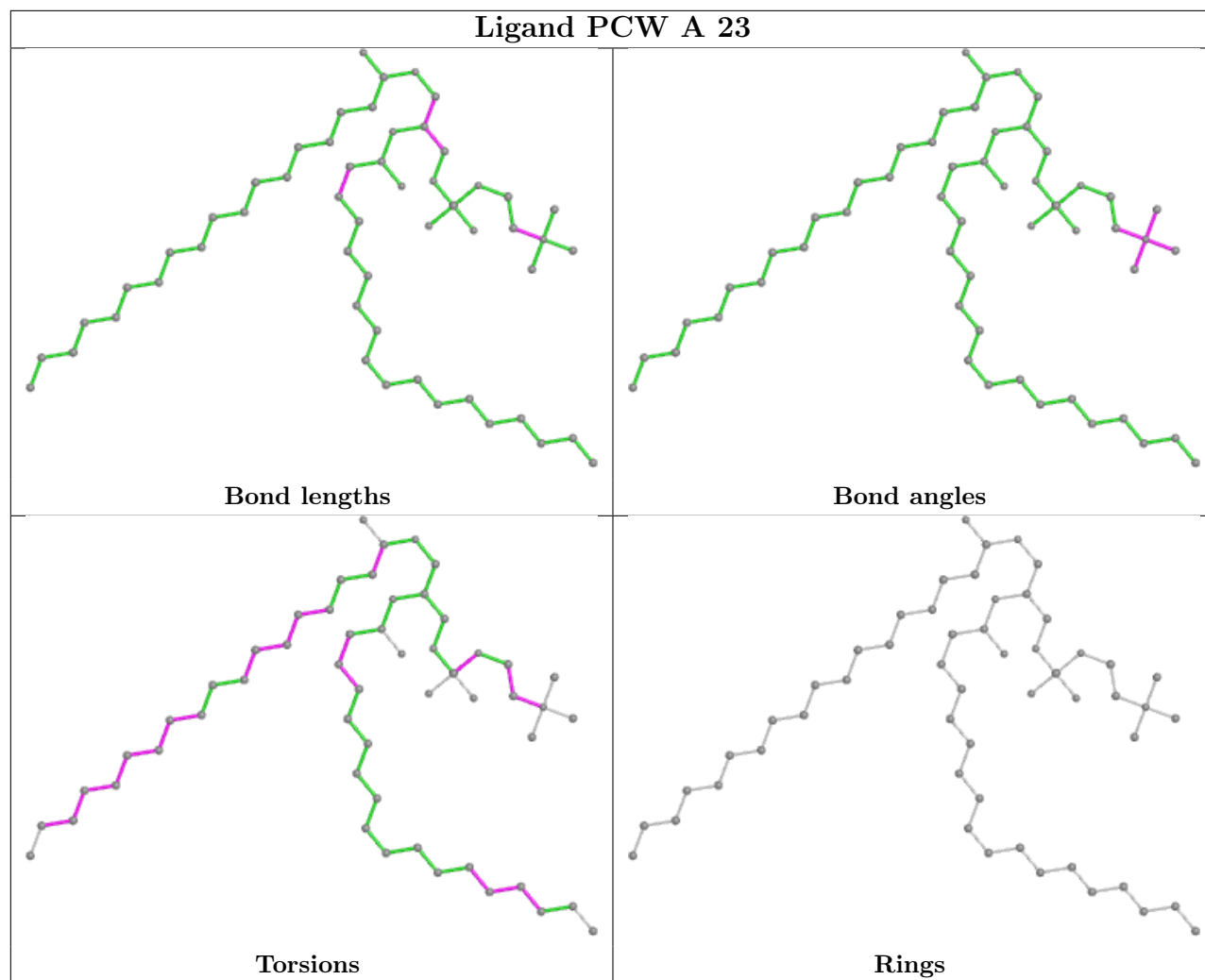


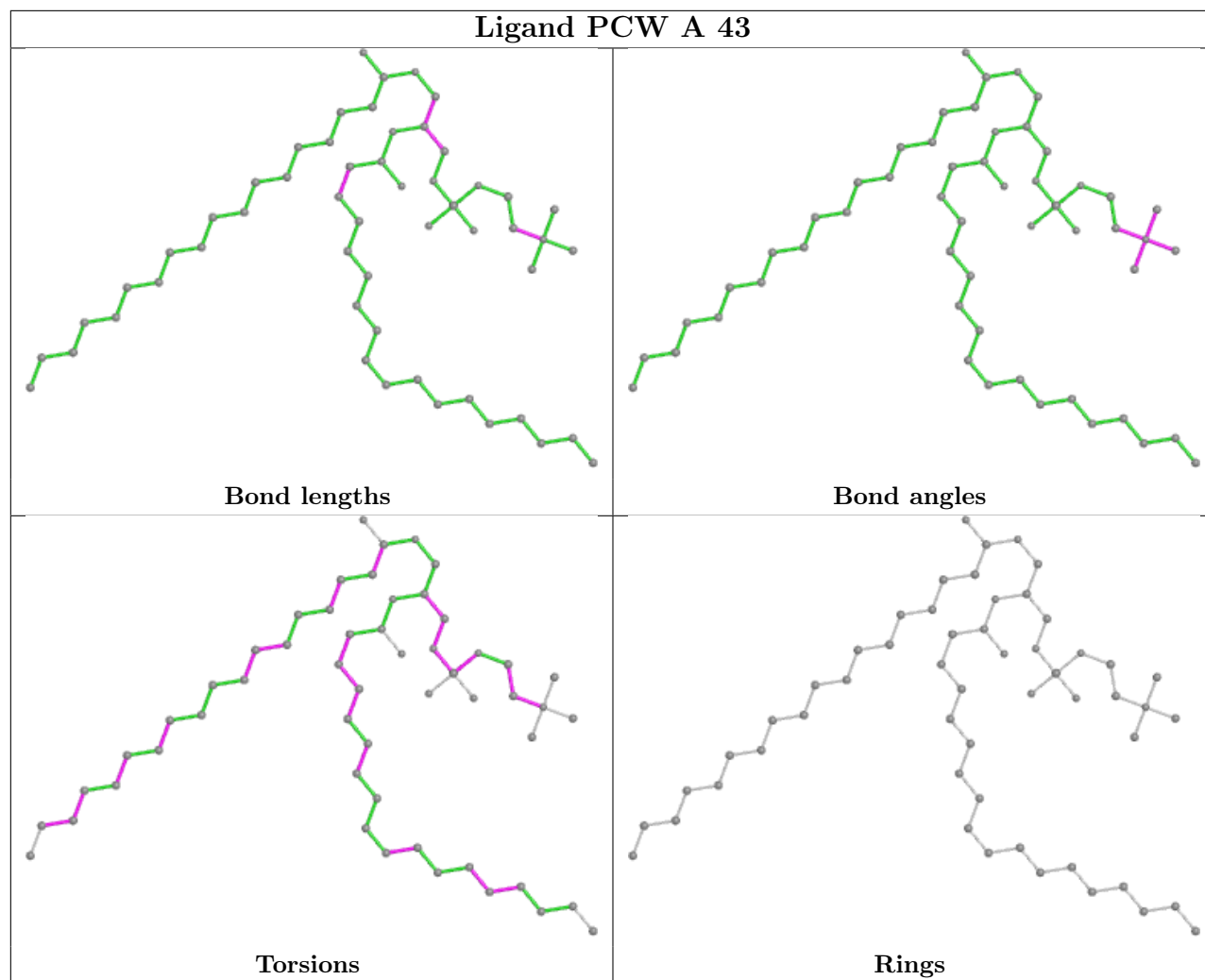


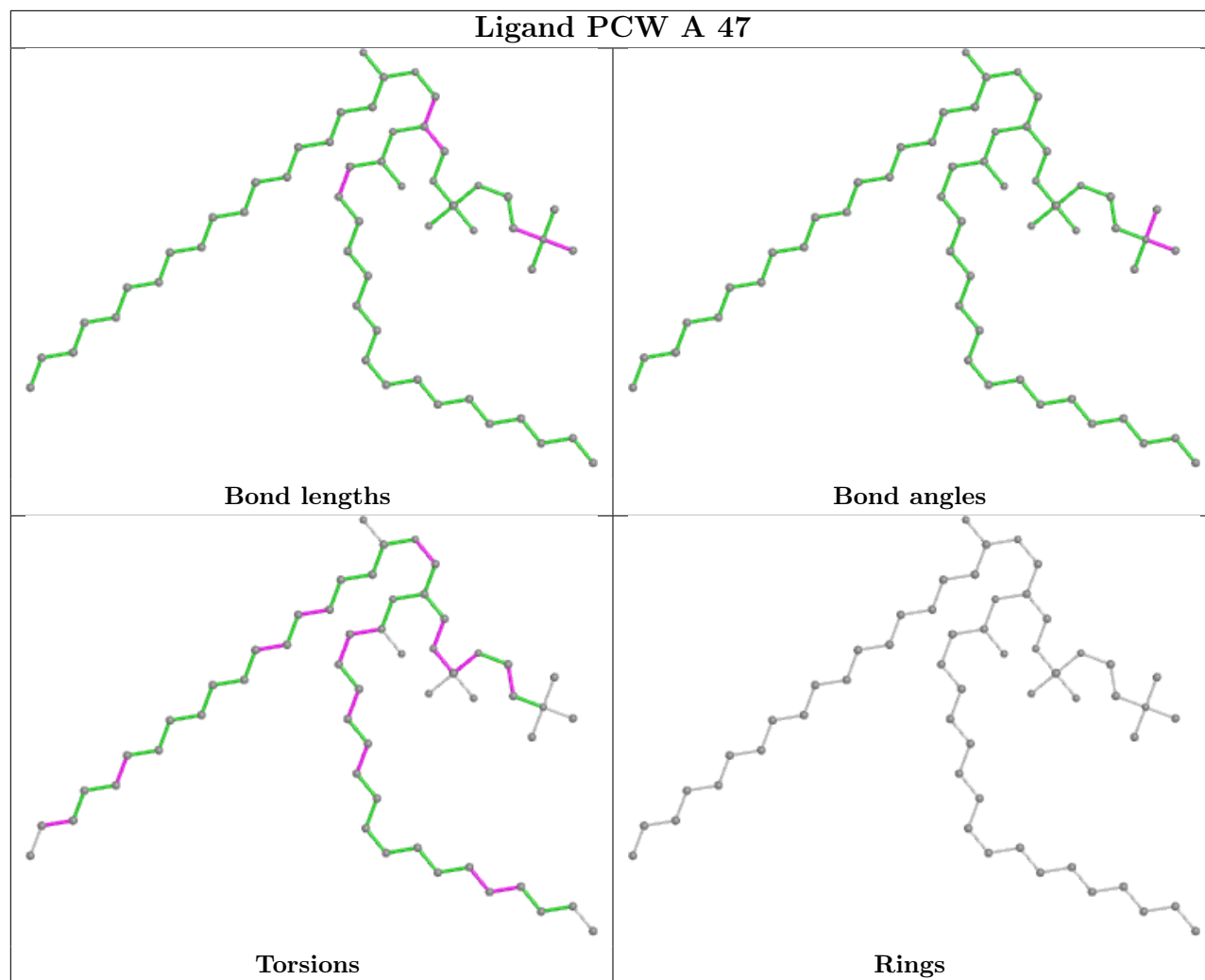


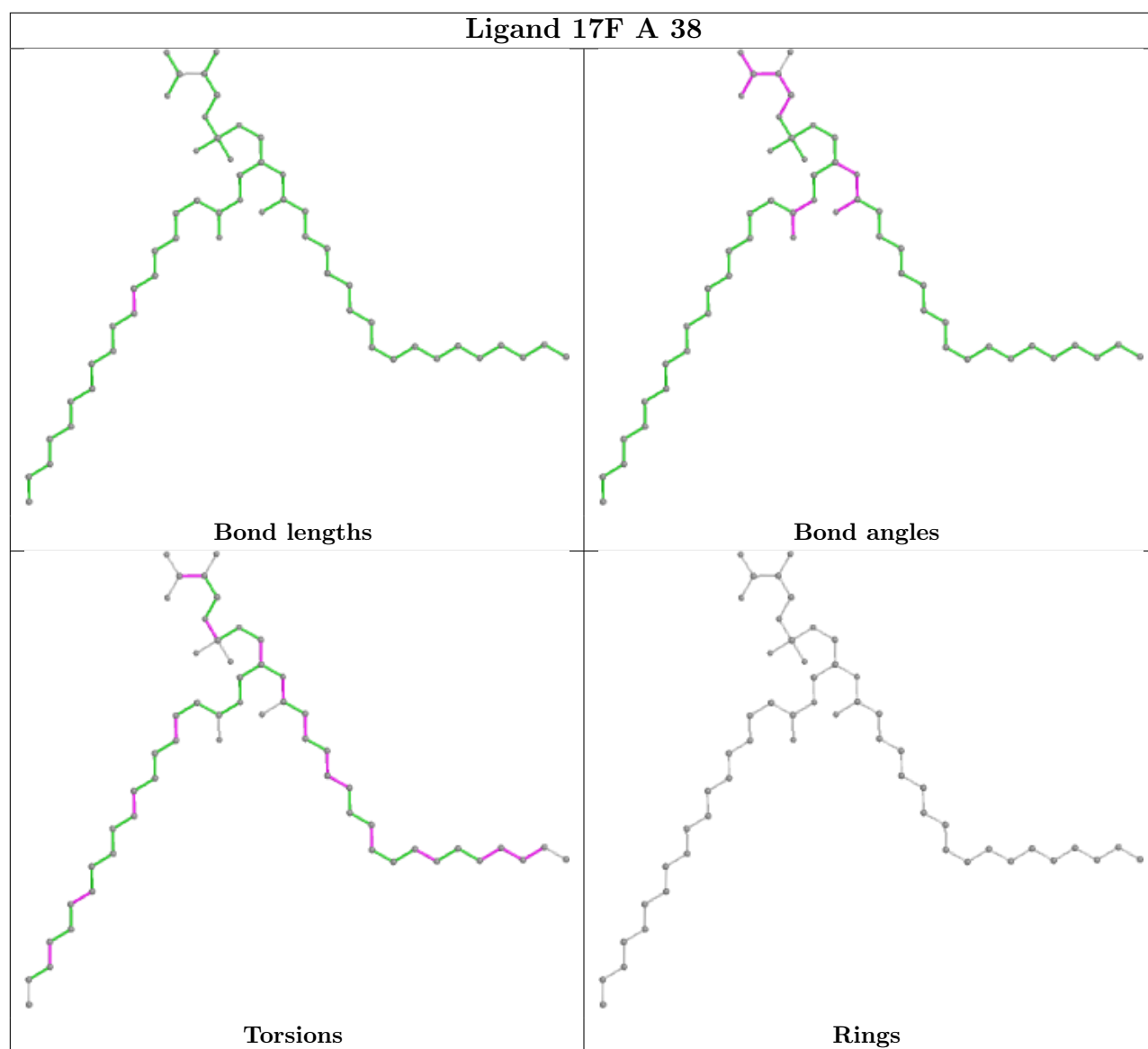


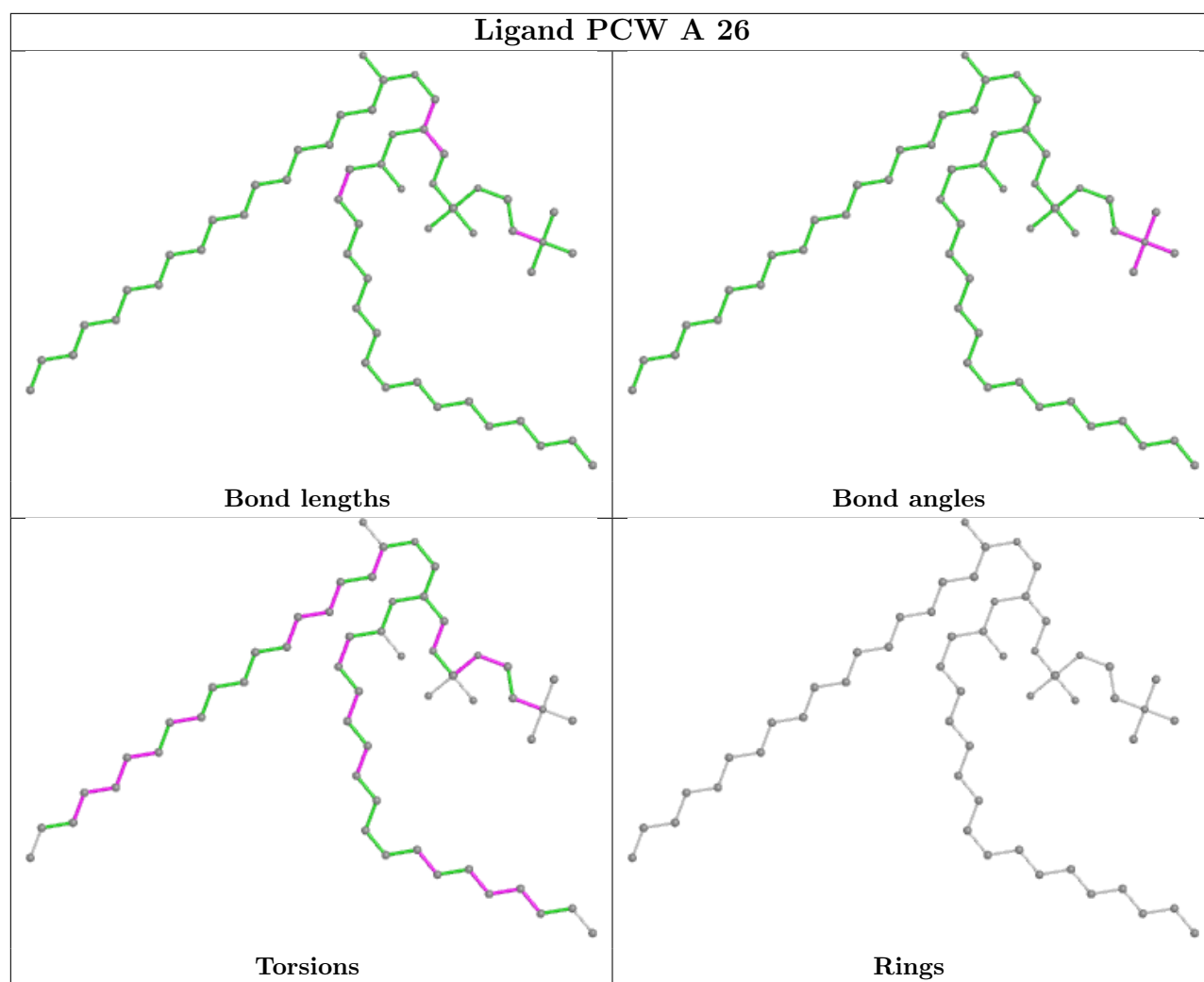


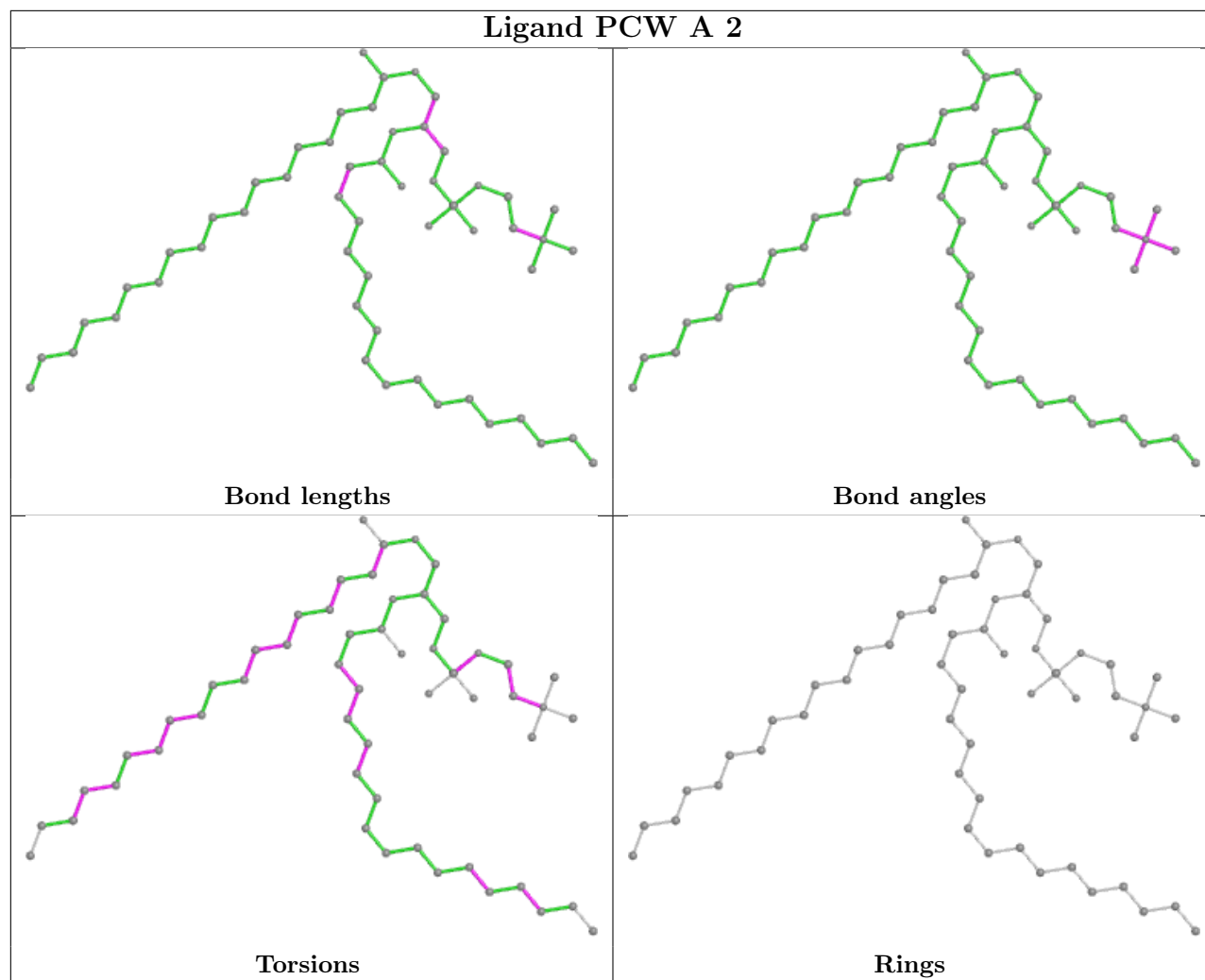


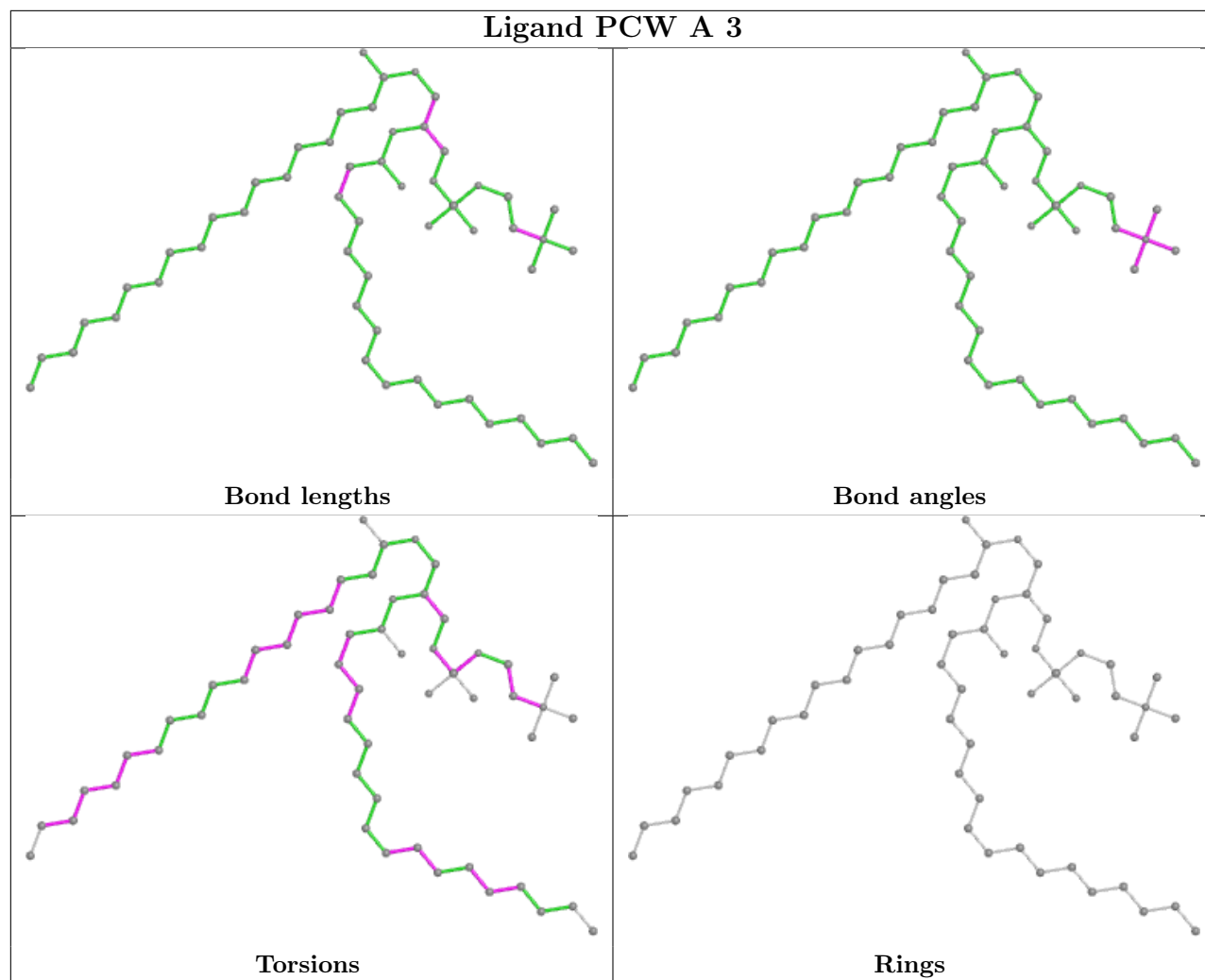


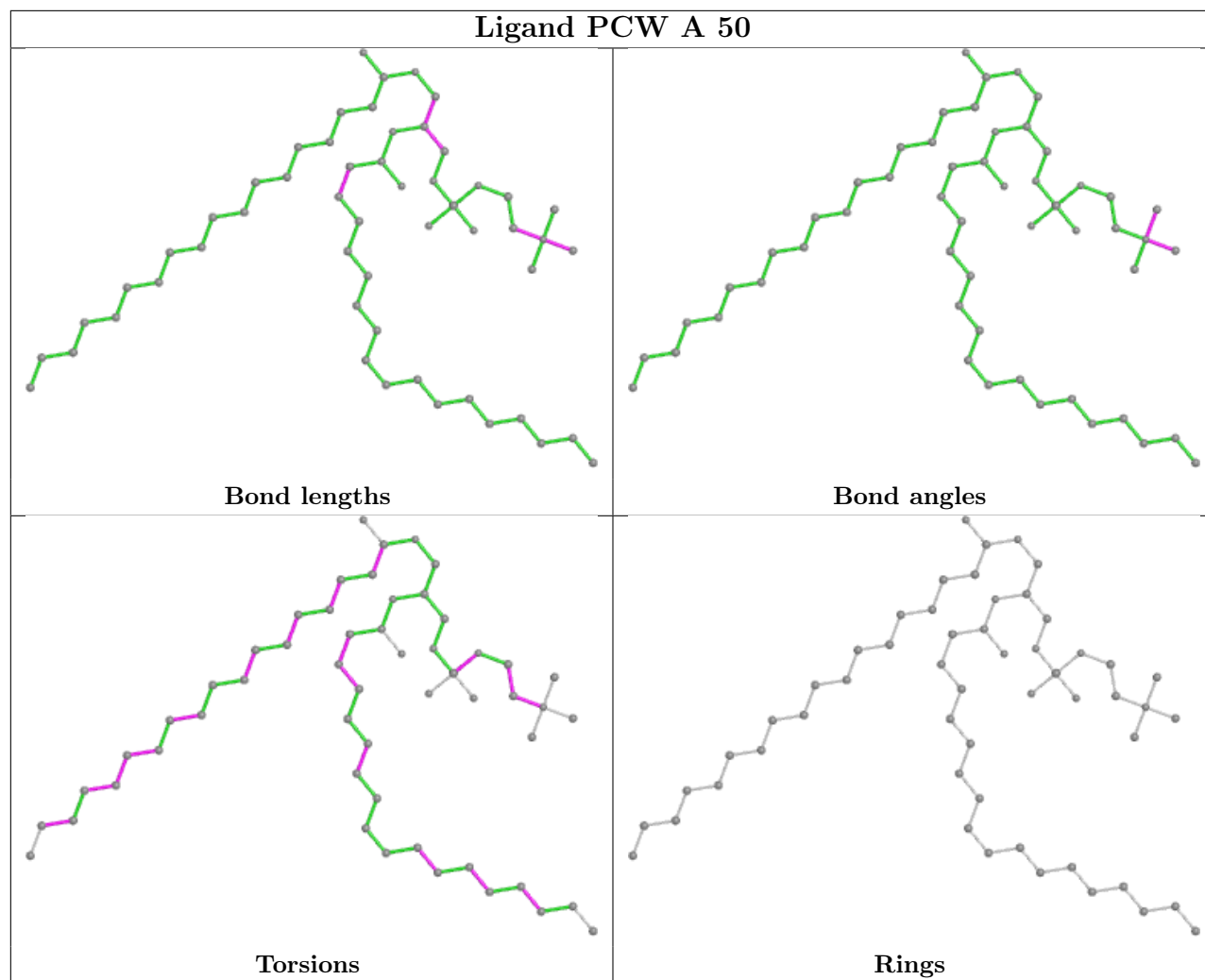


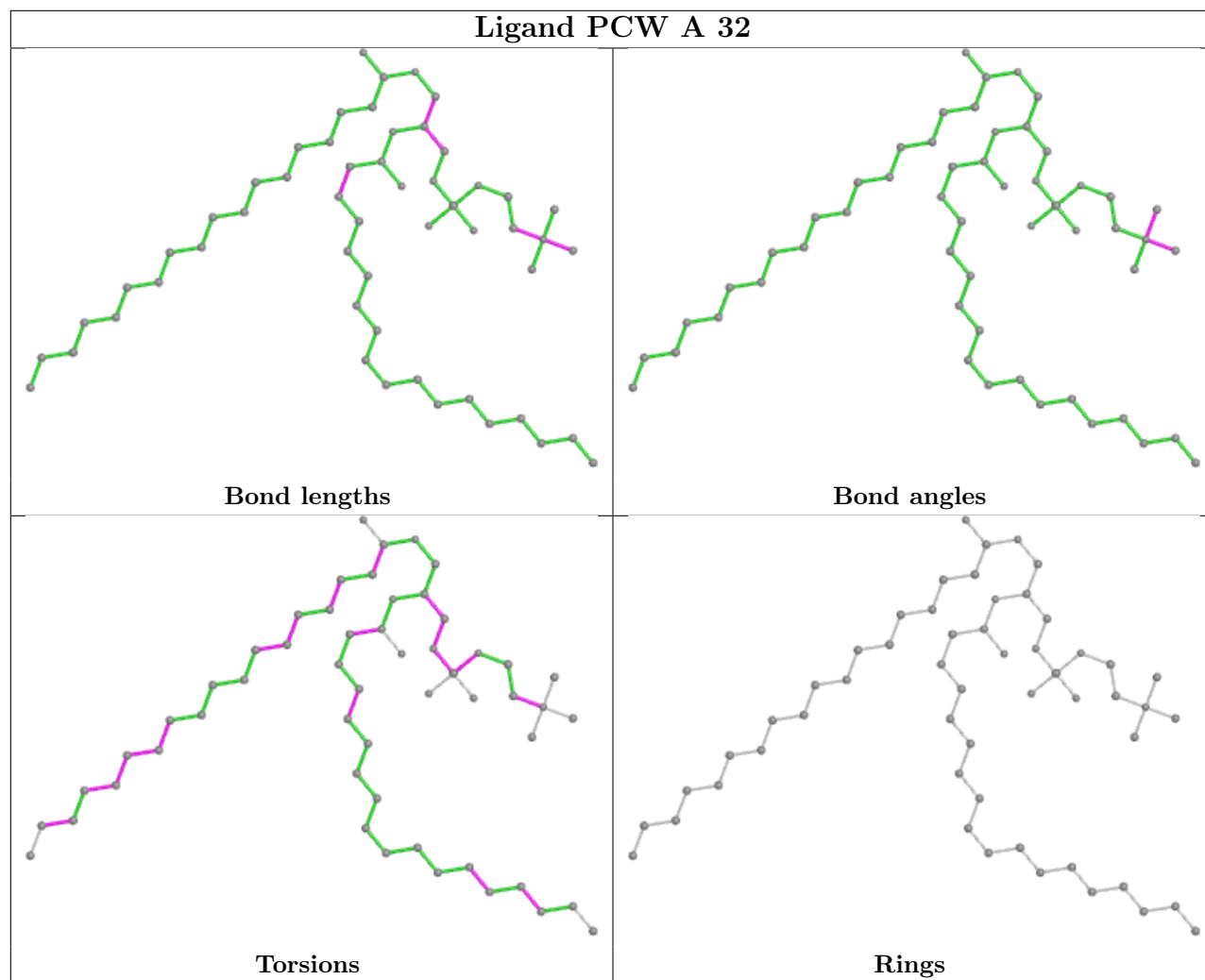


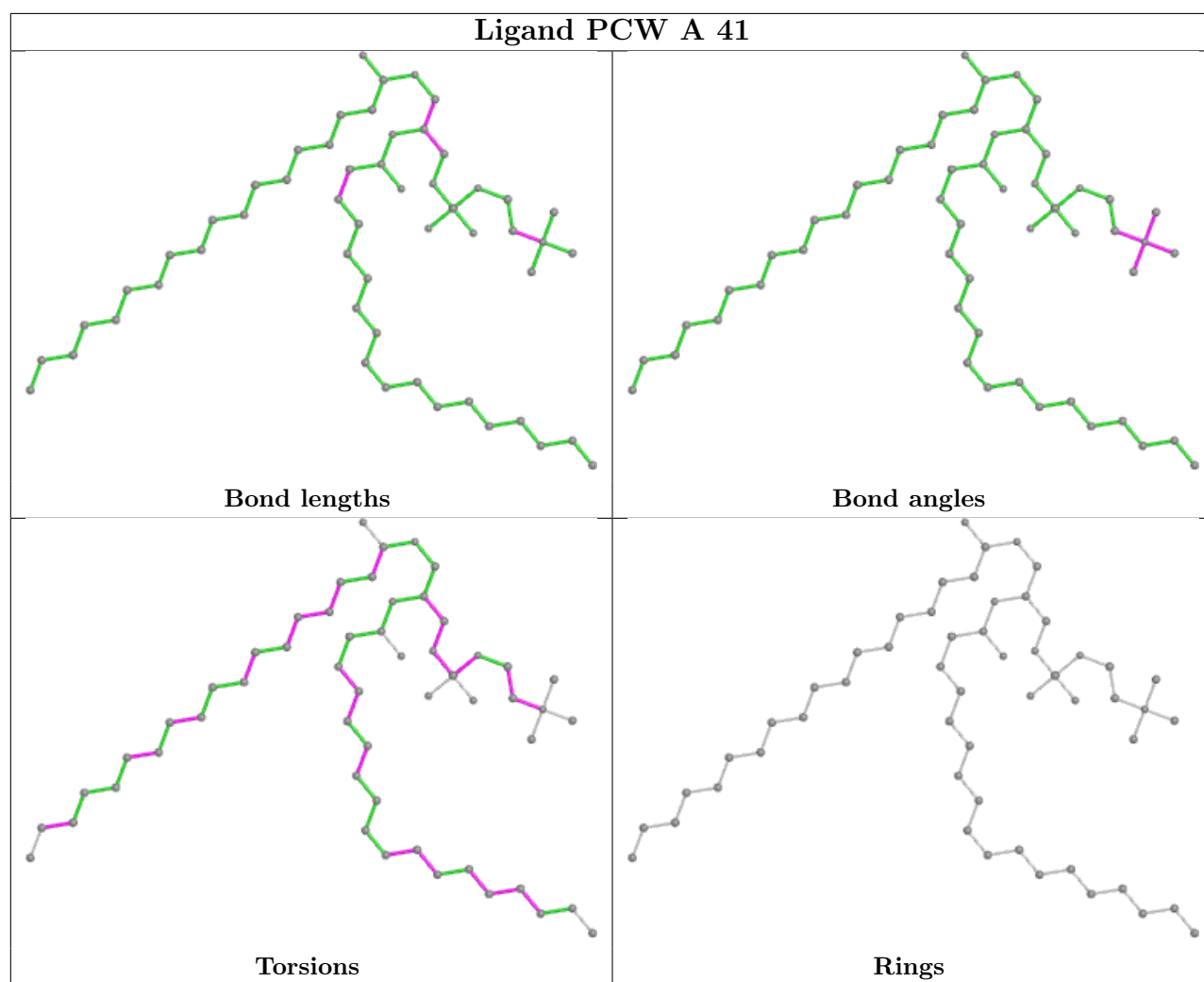


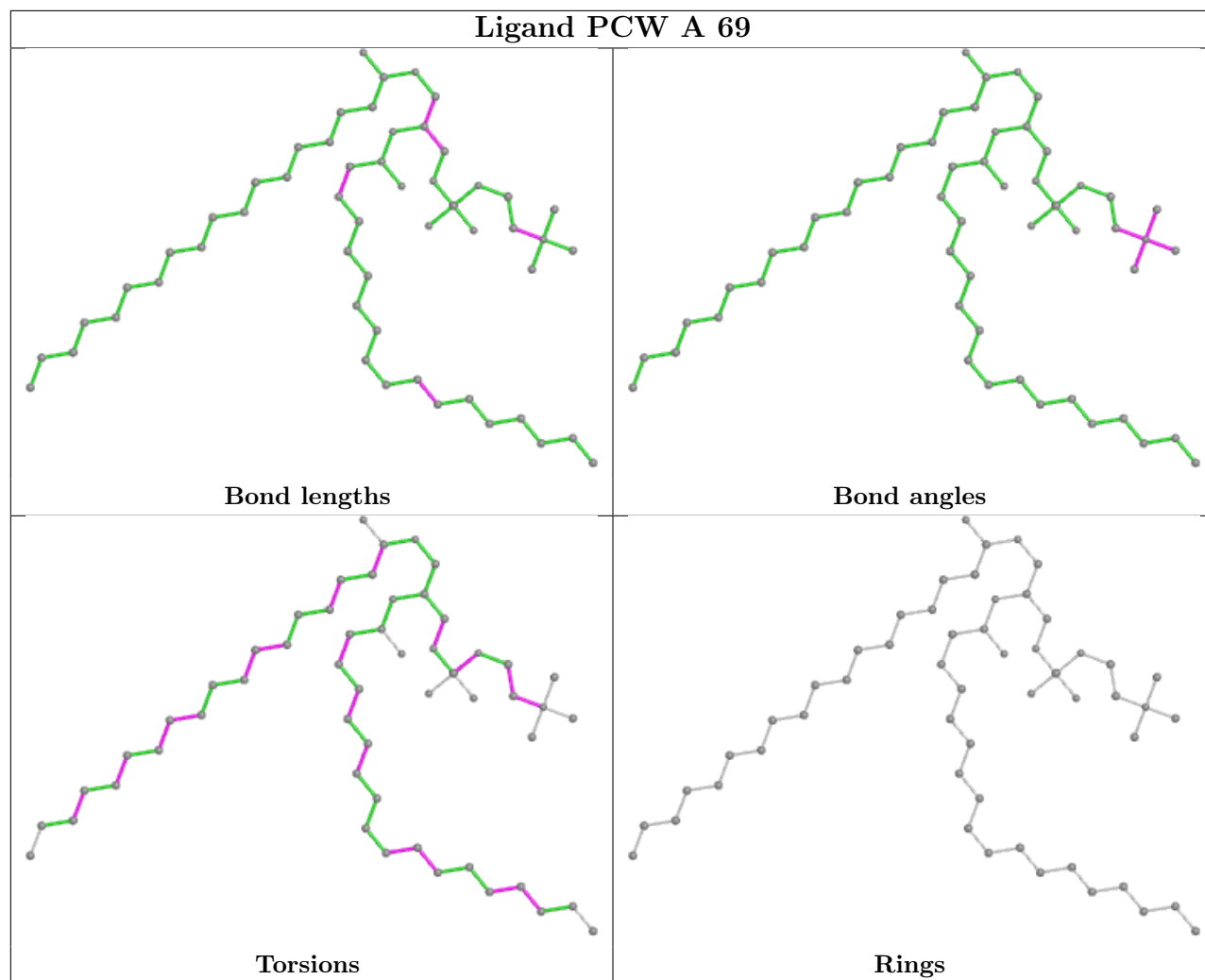


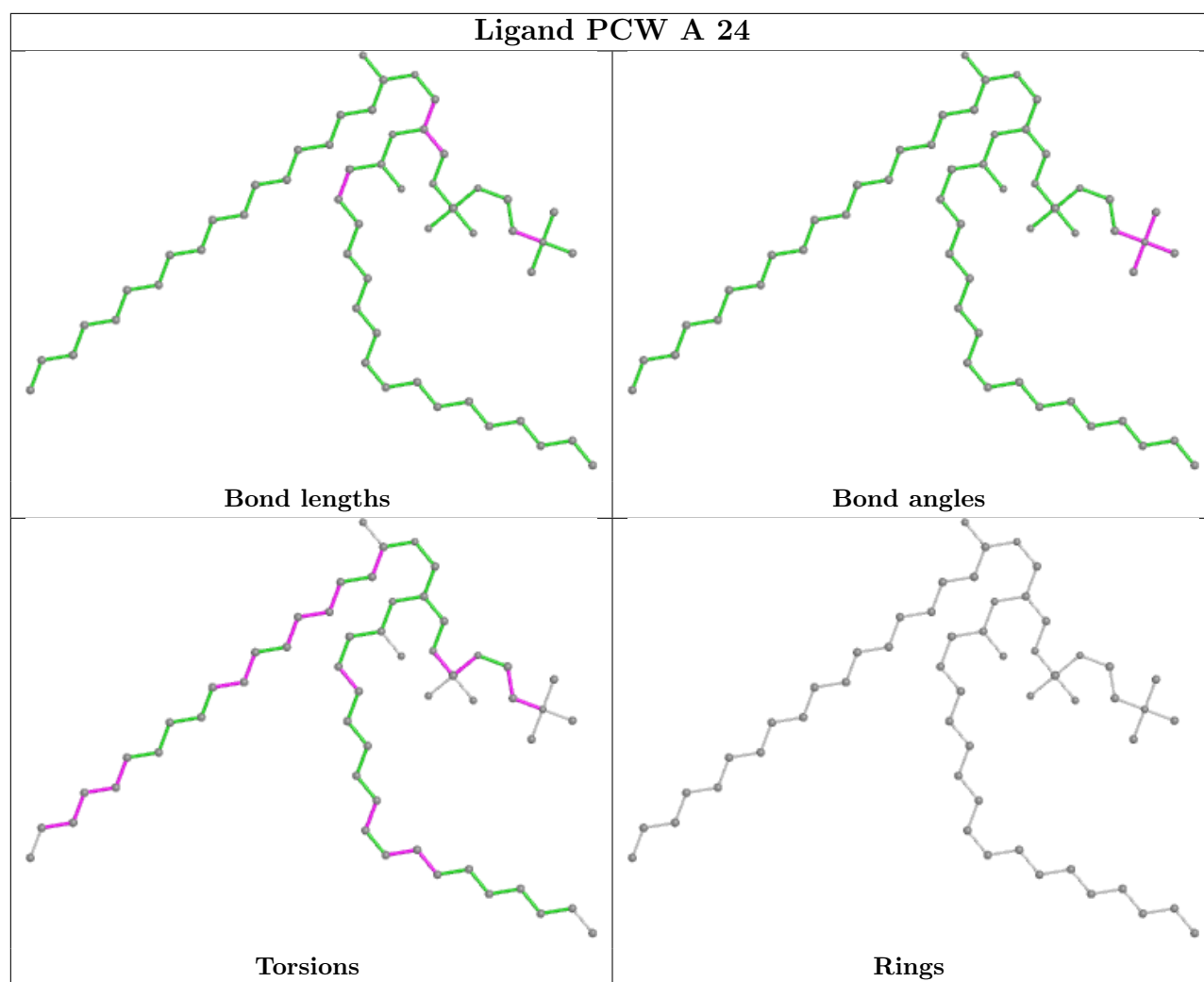


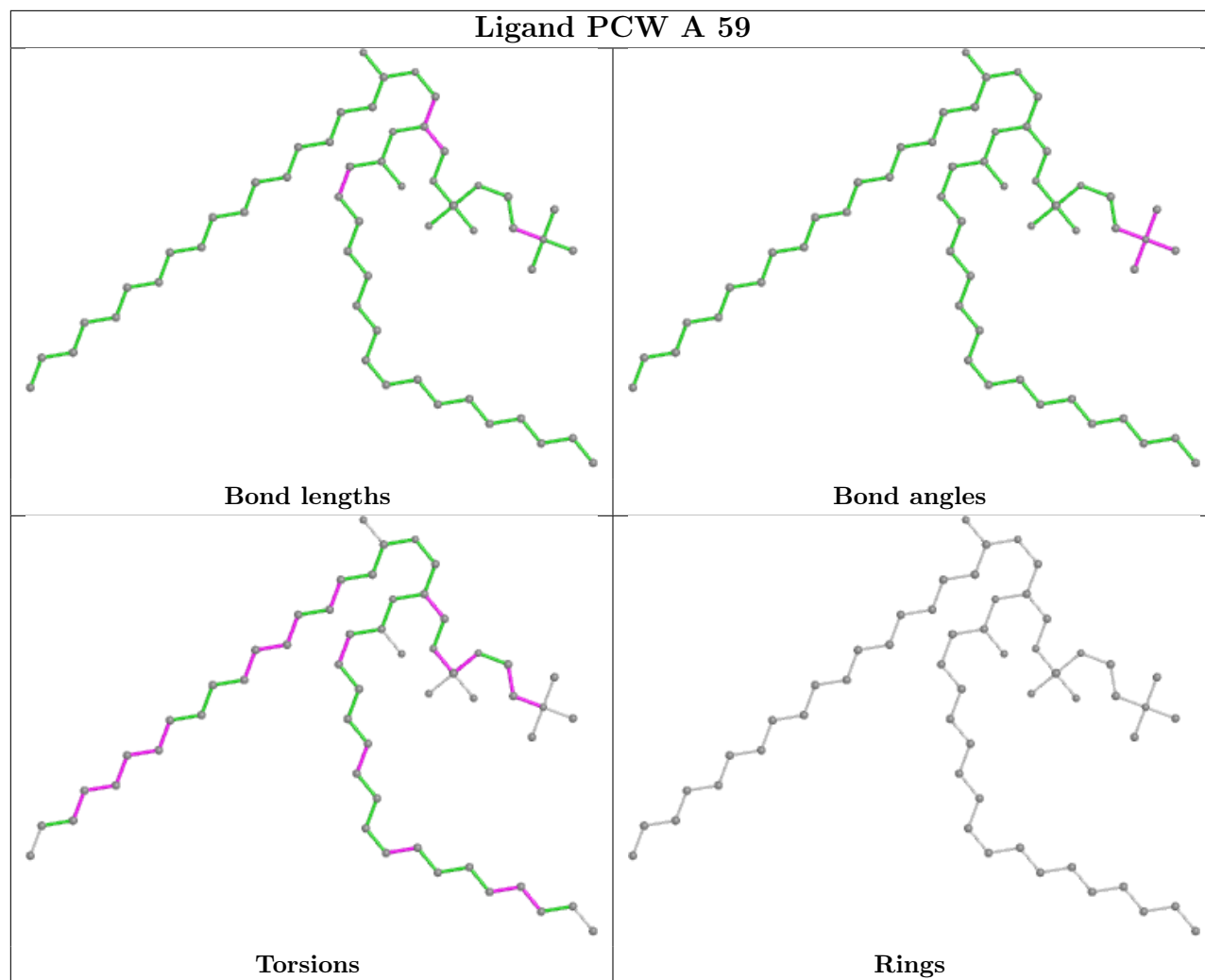


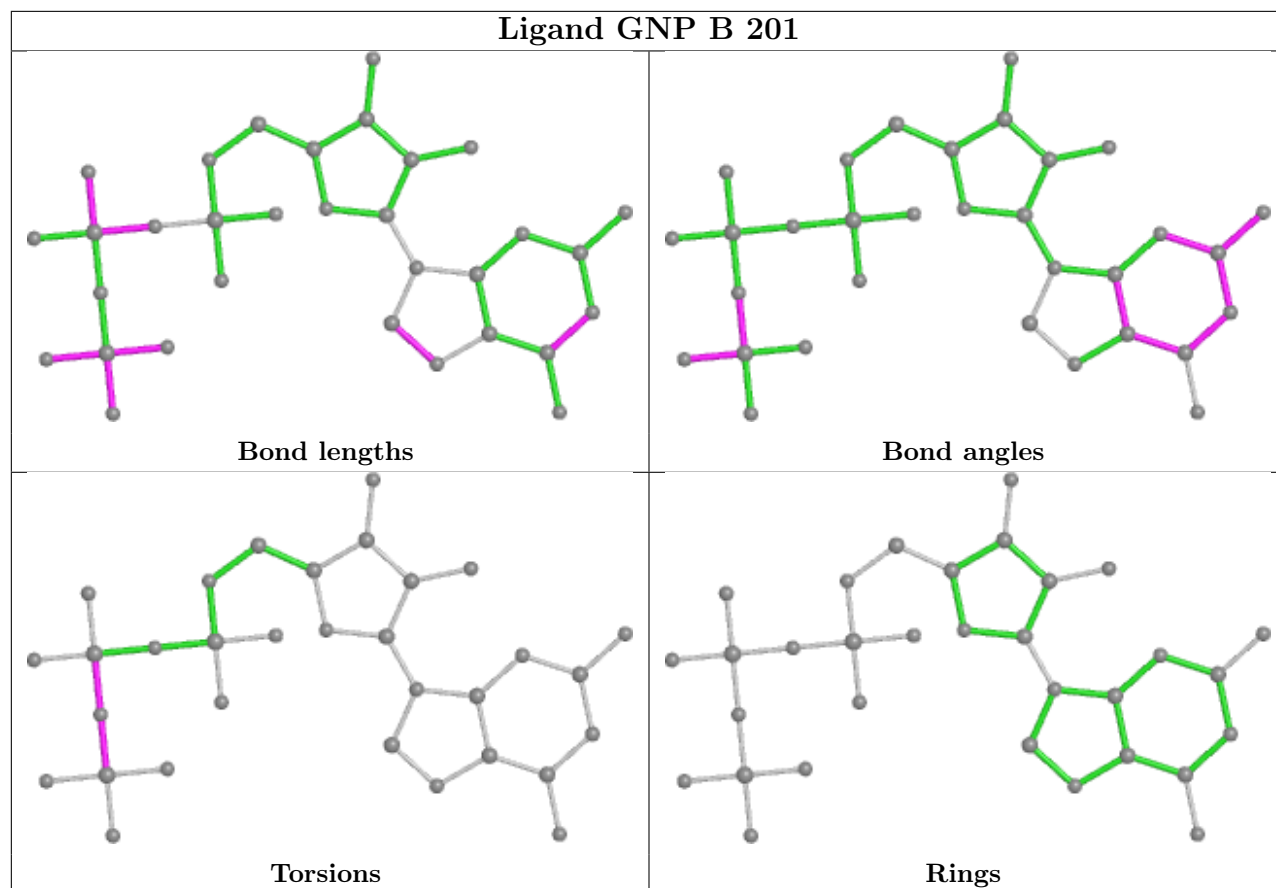


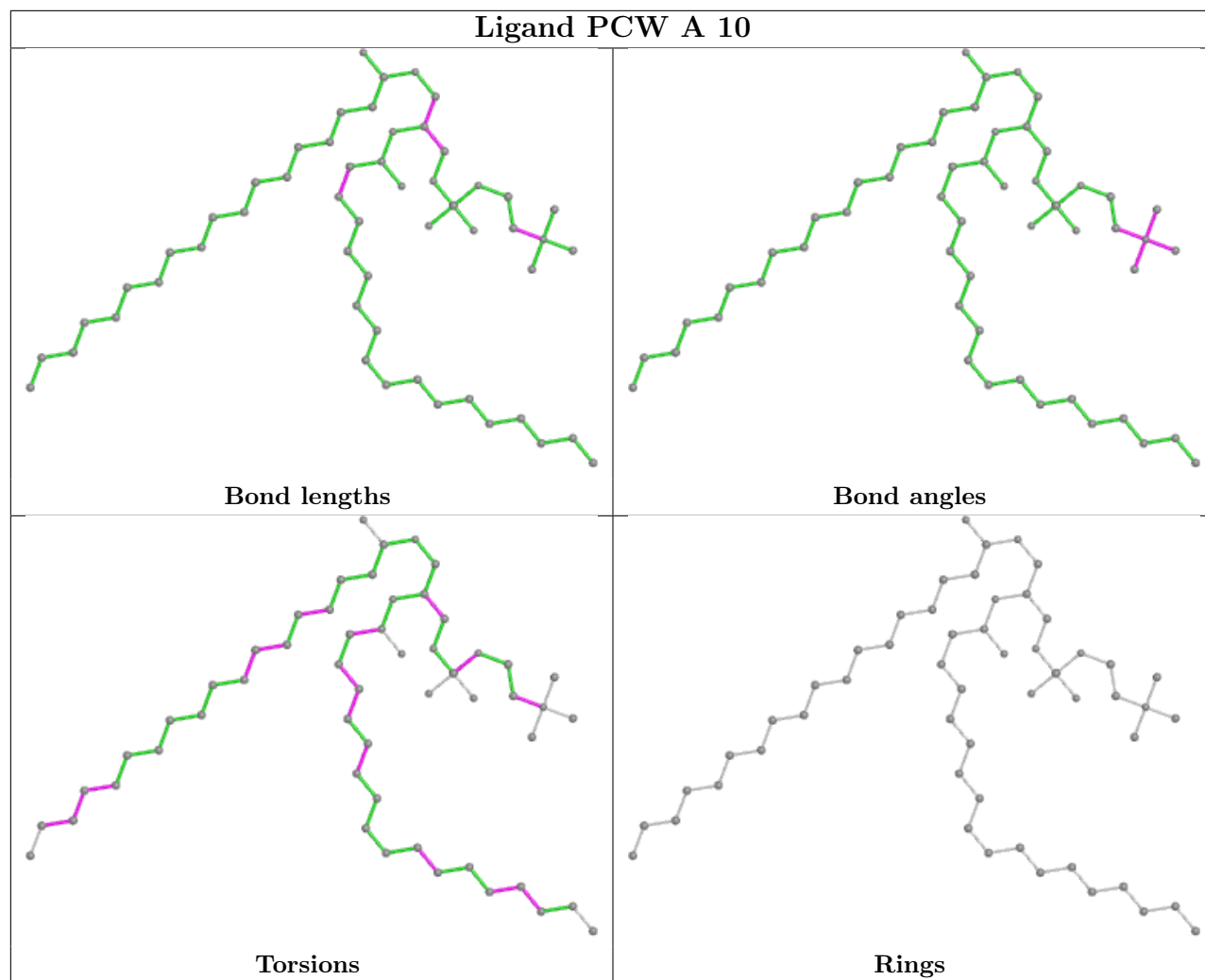


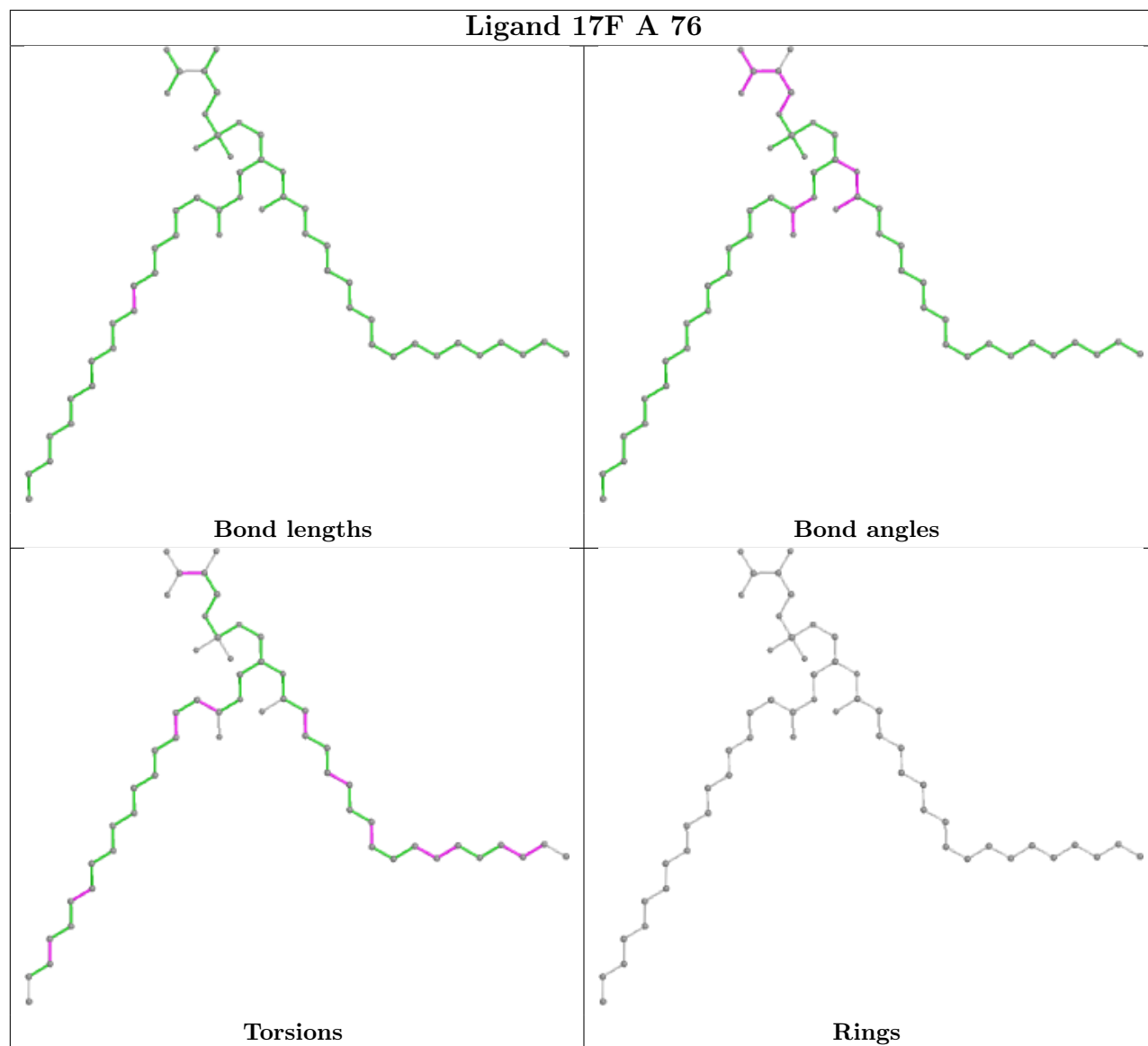


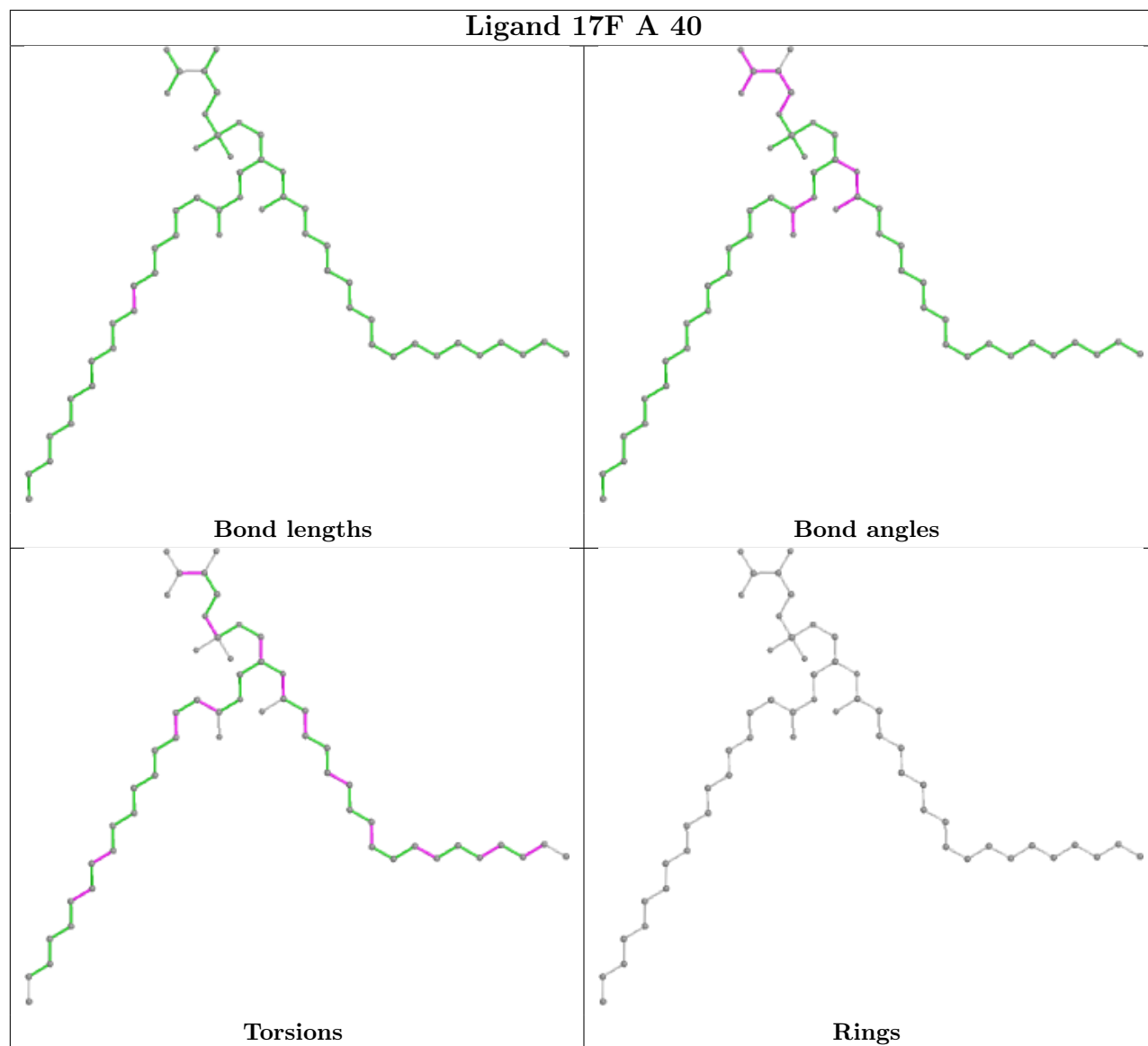


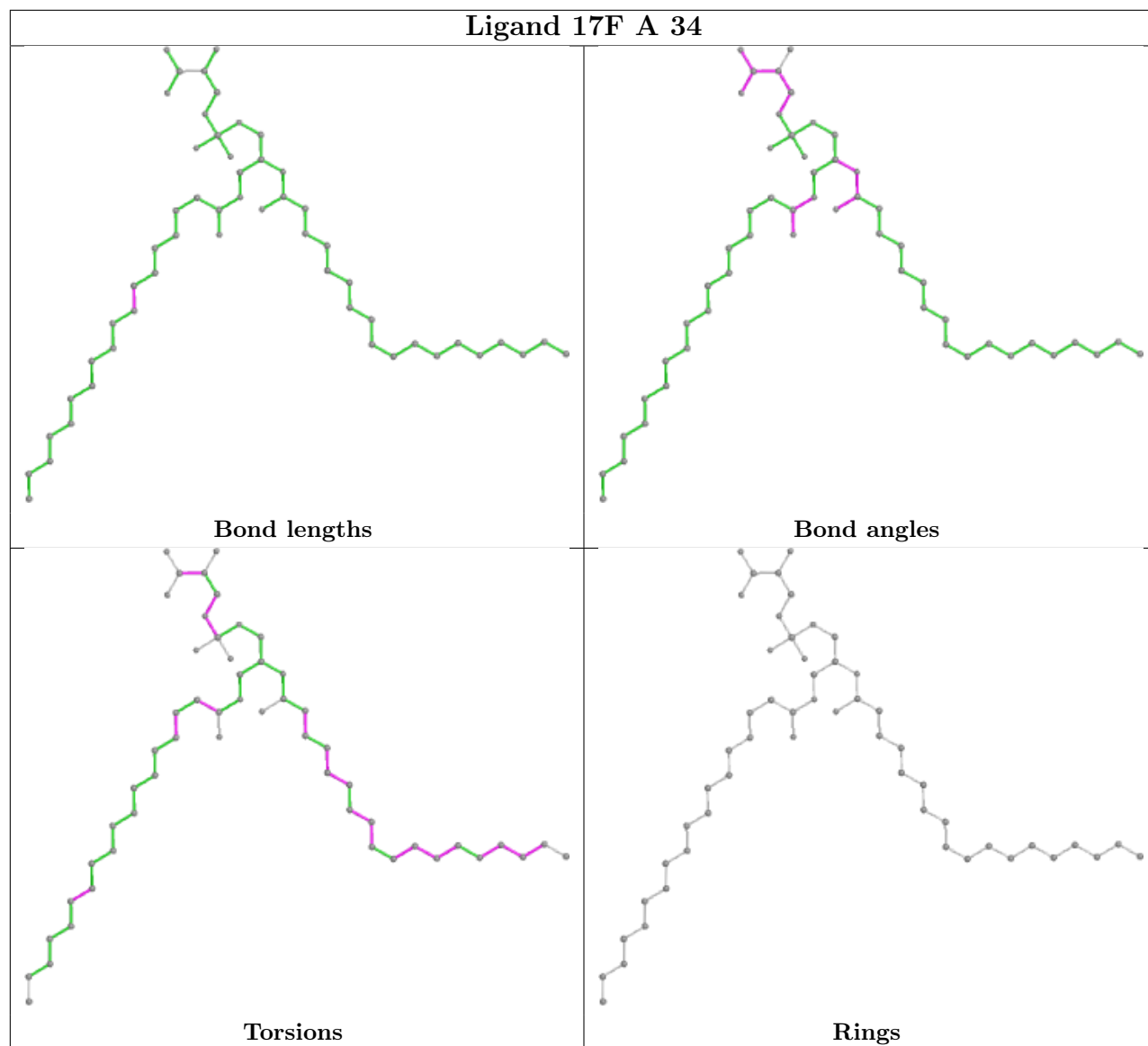


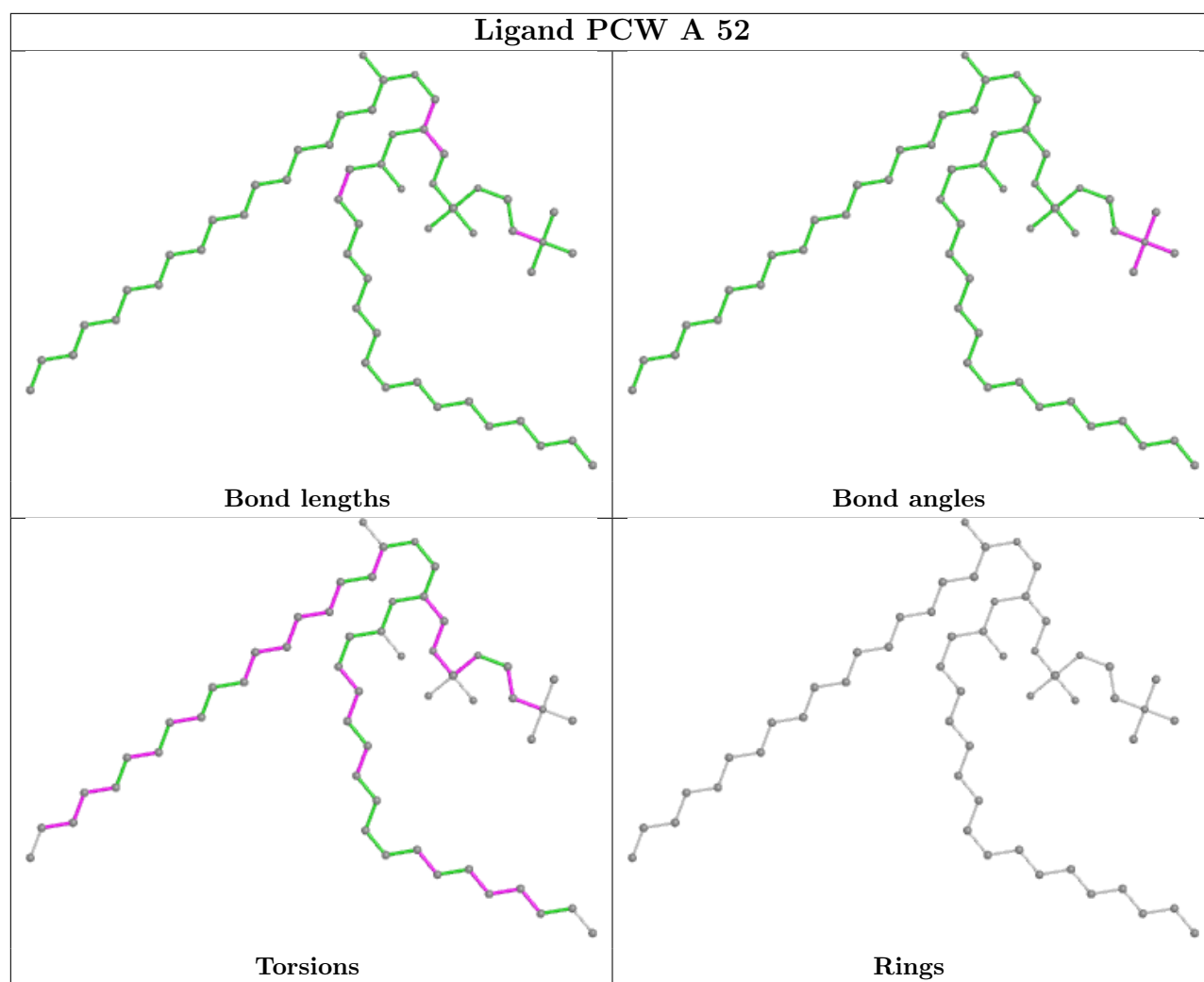


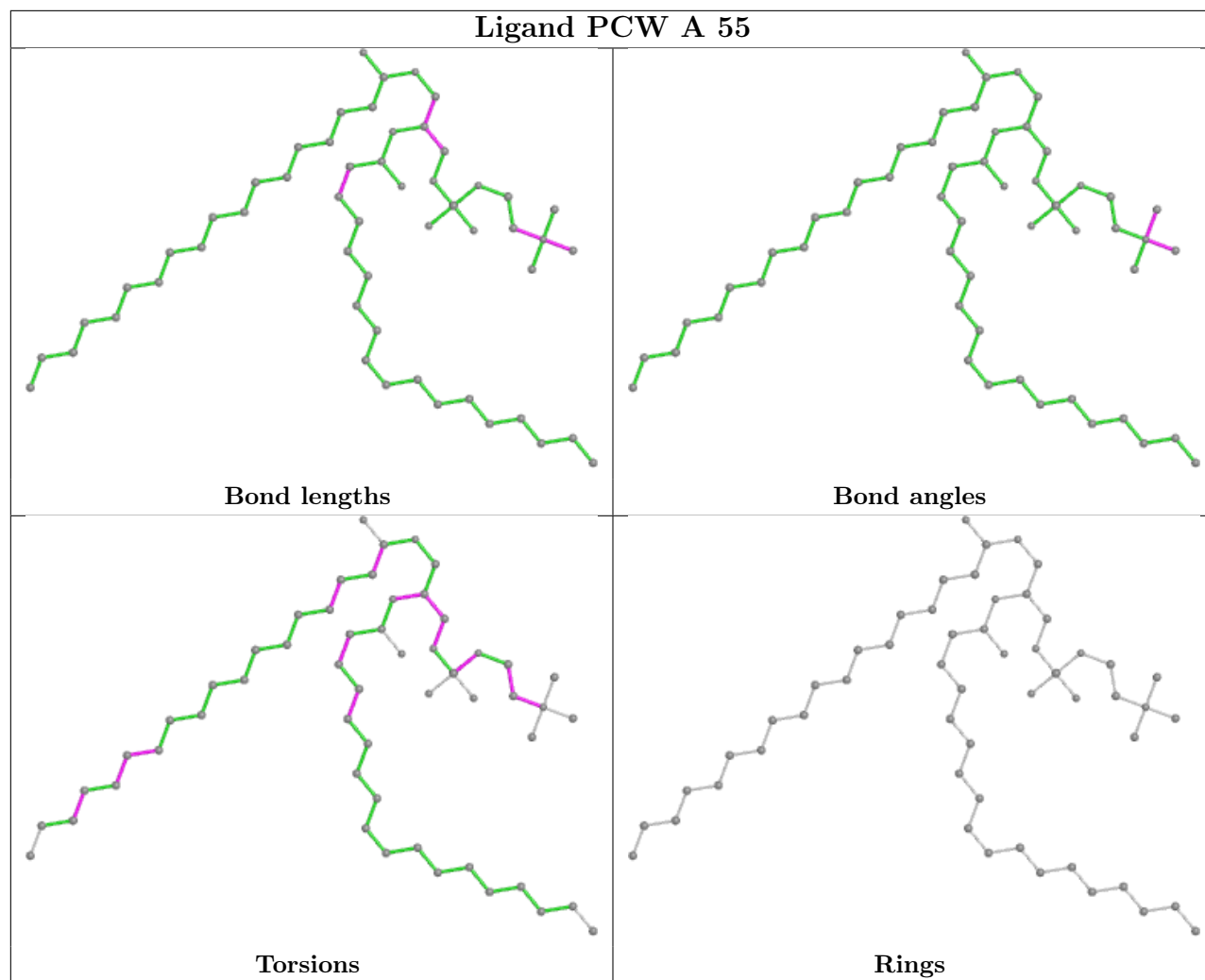


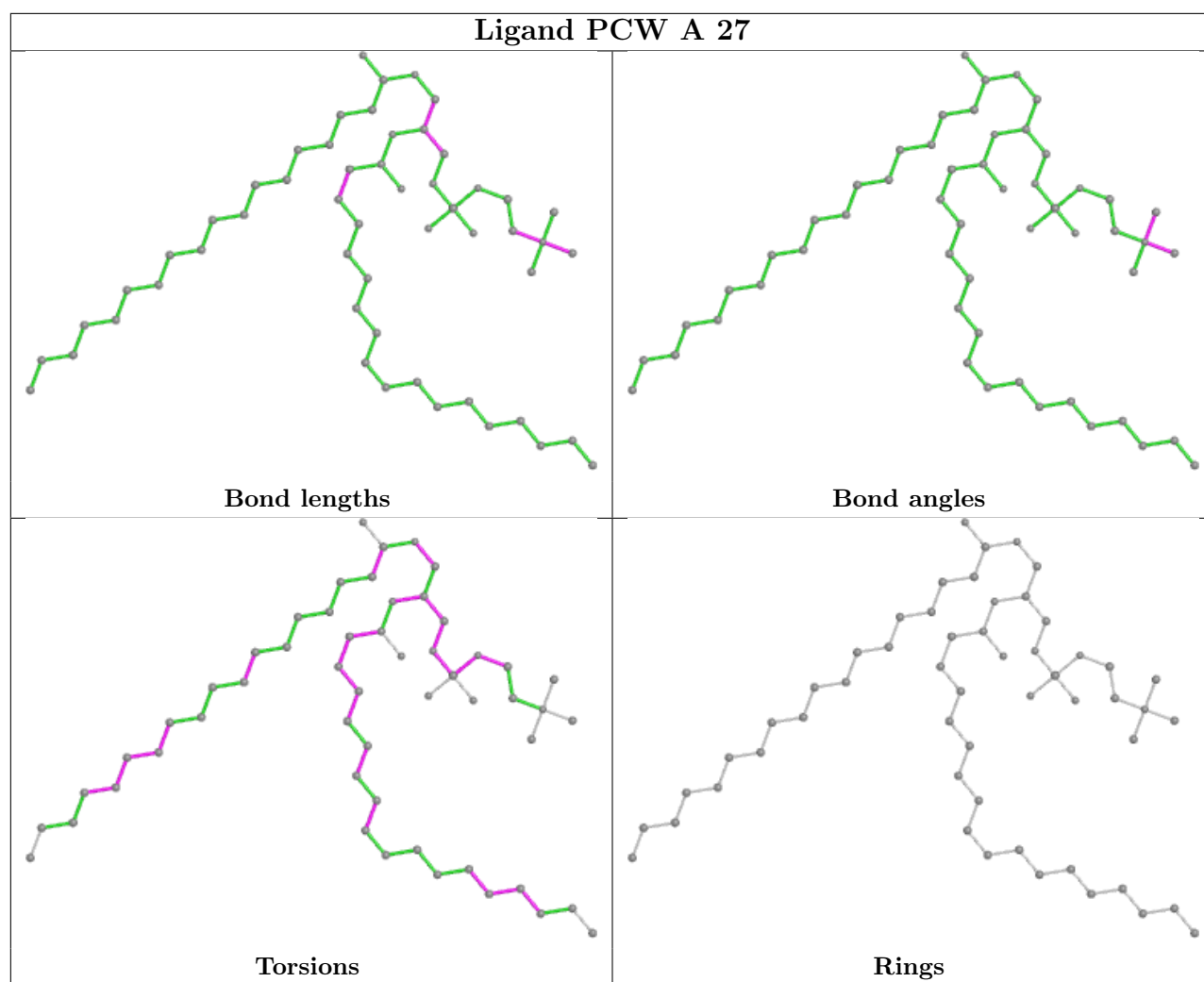












6.7 Other polymers [\(i\)](#)

There are no such molecules in this entry.

6.8 Polymer linkage issues [\(i\)](#)

There are no chain breaks in this entry.

7 Chemical shift validation i

The completeness of assignment taking into account all chemical shift lists is 3% for the well-defined parts and 3% for the entire structure.

7.1 Chemical shift list 1

File name: working_cs.cif

Chemical shift list name: *resonance_list_nmrstar_50_51.txt*

7.1.1 Bookkeeping i

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

Total number of shifts	268
Number of shifts mapped to atoms	193
Number of unparsed shifts	0
Number of shifts with mapping errors	75
Number of shifts with mapping warnings	0
Number of shift outliers (ShiftChecker)	0

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

- No matching atom found in the structure. First 5 (of 75) occurrences are reported below.

List ID	Chain	Res	Type	Atom	Shift Data		
					Value	Uncertainty	Ambiguity
1	B	6	LEU	HD21	0.865	.	.
1	B	6	LEU	HD22	0.865	.	.
1	B	6	LEU	HD23	0.865	.	.
1	B	14	VAL	HG11	0.892	.	.
1	B	14	VAL	HG12	0.892	.	.
1	B	14	VAL	HG13	0.892	.	.
1	B	19	LEU	HD11	0.547	.	.
1	B	19	LEU	HD12	0.547	.	.
1	B	19	LEU	HD13	0.547	.	.
1	B	21	ILE	HD11	0.513	.	.
1	B	21	ILE	HD12	0.513	.	.
1	B	21	ILE	HD13	0.513	.	.
1	B	23	LEU	HD11	-0.325	.	.
1	B	23	LEU	HD12	-0.325	.	.

Continued on next page...

Continued from previous page...

List ID	Chain	Res	Type	Atom	Shift Data		
					Value	Uncertainty	Ambiguity
1	B	23	LEU	HD13	-0.325	.	.
1	B	24	ILE	HD11	0.389	.	.
1	B	24	ILE	HD12	0.389	.	.
1	B	24	ILE	HD13	0.389	.	.
1	B	36	ILE	HD11	0.714	.	.
1	B	36	ILE	HD12	0.714	.	.
1	B	36	ILE	HD13	0.714	.	.
1	B	46	ILE	HD11	0.361	.	.
1	B	46	ILE	HD12	0.361	.	.
1	B	46	ILE	HD13	0.361	.	.
1	B	55	ILE	HD11	0.451	.	.
1	B	55	ILE	HD12	0.451	.	.
1	B	55	ILE	HD13	0.451	.	.
1	B	79	LEU	HD11	0.023	.	.
1	B	79	LEU	HD12	0.023	.	.
1	B	79	LEU	HD13	0.023	.	.
1	B	79	LEU	HD21	0.081	.	.
1	B	79	LEU	HD22	0.081	.	.
1	B	79	LEU	HD23	0.081	.	.
1	B	84	ILE	HD11	0.7	.	.
1	B	84	ILE	HD12	0.7	.	.
1	B	84	ILE	HD13	0.7	.	.
1	B	93	ILE	HD11	0.724	.	.
1	B	93	ILE	HD12	0.724	.	.
1	B	93	ILE	HD13	0.724	.	.
1	B	100	ILE	HD11	0.234	.	.
1	B	100	ILE	HD12	0.234	.	.
1	B	100	ILE	HD13	0.234	.	.
1	B	113	LEU	HD11	0.989	.	.
1	B	113	LEU	HD12	0.989	.	.
1	B	113	LEU	HD13	0.989	.	.
1	B	113	LEU	HD21	1.261	.	.
1	B	113	LEU	HD22	1.261	.	.
1	B	113	LEU	HD23	1.261	.	.
1	B	120	LEU	HD21	0.8	.	.
1	B	120	LEU	HD22	0.8	.	.
1	B	120	LEU	HD23	0.8	.	.
1	B	125	VAL	HG11	-0.21	.	.
1	B	125	VAL	HG12	-0.21	.	.
1	B	125	VAL	HG13	-0.21	.	.
1	B	133	LEU	HD11	0.344	.	.

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List ID	Chain	Res	Type	Atom	Shift Data		
					Value	Uncertainty	Ambiguity
1	B	133	LEU	HD12	0.344	.	.
1	B	133	LEU	HD13	0.344	.	.
1	B	133	LEU	HD21	0.39	.	.
1	B	133	LEU	HD22	0.39	.	.
1	B	133	LEU	HD23	0.39	.	.
1	B	139	ILE	HD11	0.809	.	.
1	B	139	ILE	HD12	0.809	.	.
1	B	139	ILE	HD13	0.809	.	.
1	B	142	ILE	HD11	0.618	.	.
1	B	142	ILE	HD12	0.618	.	.
1	B	142	ILE	HD13	0.618	.	.
1	B	159	LEU	HD11	0.613	.	.
1	B	159	LEU	HD12	0.613	.	.
1	B	159	LEU	HD13	0.613	.	.
1	B	160	VAL	HG11	-0.056	.	.
1	B	160	VAL	HG12	-0.056	.	.
1	B	160	VAL	HG13	-0.056	.	.
1	B	163	ILE	HD11	0.612	.	.
1	B	163	ILE	HD12	0.612	.	.
1	B	163	ILE	HD13	0.612	.	.

7.1.2 Chemical shift referencing [i](#)

The following table shows the suggested chemical shift referencing corrections.

Nucleus	# values	Correction \pm precision, ppm	Suggested action
$^{13}\text{C}_\alpha$	0	—	None (insufficient data)
$^{13}\text{C}_\beta$	0	—	None (insufficient data)
$^{13}\text{C}'$	0	—	None (insufficient data)
^{15}N	84	-0.51 ± 0.71	None needed (imprecise)

7.1.3 Completeness of resonance assignments [i](#)

The following table shows the completeness of the chemical shift assignments for the well-defined regions of the structure. The overall completeness is 3%, i.e. 256 atoms were assigned a chemical shift out of a possible 7501. 0 out of 100 assigned methyl groups (LEU and VAL) were assigned stereospecifically.

	Total	^1H	^{13}C	^{15}N
Backbone	156/2654 (6%)	78/1072 (7%)	0/1066 (0%)	78/516 (15%)

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	Total	¹ H	¹³ C	¹⁵ N
Sidechain	100/4409 (2%)	75/2834 (3%)	25/1378 (2%)	0/197 (0%)
Aromatic	0/438 (0%)	0/222 (0%)	0/208 (0%)	0/8 (0%)
Overall	256/7501 (3%)	153/4128 (4%)	25/2652 (1%)	78/721 (11%)

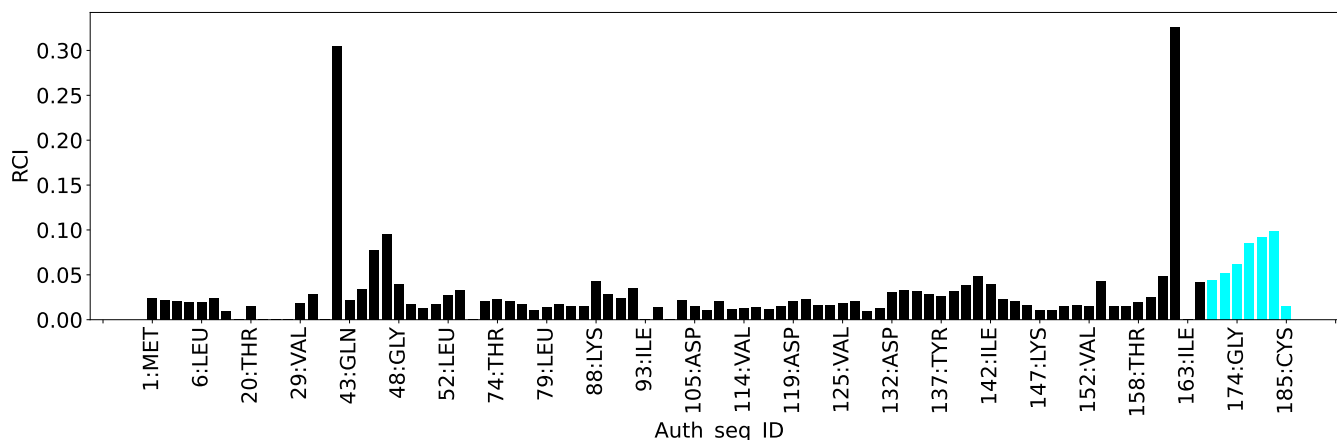
7.1.4 Statistically unusual chemical shifts [i](#)

There are no statistically unusual chemical shifts.

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

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

Random coil index (RCI) for chain B:



8 NMR restraints analysis

8.1 Conformationally restricting restraints

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

Description	Value
Total distance restraints	57
Intra-residue ($ i-j =0$)	0
Sequential ($ i-j =1$)	0
Medium range ($ i-j >1$ and $ i-j <5$)	0
Long range ($ i-j \geq 5$)	0
Inter-chain	57
Hydrogen bond restraints	0
Disulfide bond restraints	0
Total dihedral-angle restraints	0
Number of unmapped restraints	0
Number of restraints per residue	0.1
Number of long range restraints per residue ¹	0.0

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

8.2 Residual restraint violations

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

8.2.1 Average number of distance violations per model

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

Bins (Å)	Average number of violations per model	Max (Å)
0.1-0.2 (Small)	1.1	0.19
0.2-0.5 (Medium)	4.1	0.5
>0.5 (Large)	27.0	8.42

8.2.2 Average number of dihedral-angle violations per model

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

9 Distance violation analysis

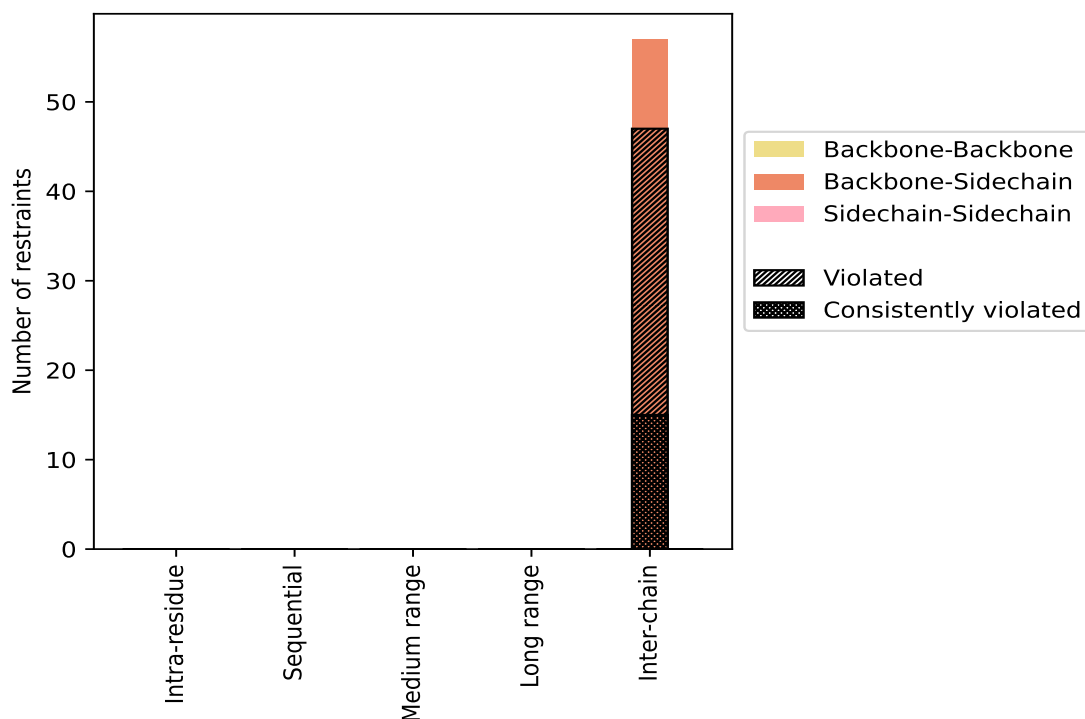
9.1 Summary of distance violations

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

Restrains type	Count	% ¹	Violated ³			Consistently Violated ⁴		
			Count	% ²	% ¹	Count	% ²	% ¹
Intra-residue (i-j =0)	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sequential (i-j =1)	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Medium range (i-j >1 & i-j <5)	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Long range (i-j ≥5)	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Inter-chain	57	100.0	47	82.5	82.5	15	26.3	26.3
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	57	100.0	47	82.5	82.5	15	26.3	26.3
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Hydrogen bond	0	0.0	0	0.0	0.0	0	0.0	0.0
Disulfide bond	0	0.0	0	0.0	0.0	0	0.0	0.0
Total	57	100.0	47	82.5	82.5	15	26.3	26.3
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	57	100.0	47	82.5	82.5	15	26.3	26.3
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0

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

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



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

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

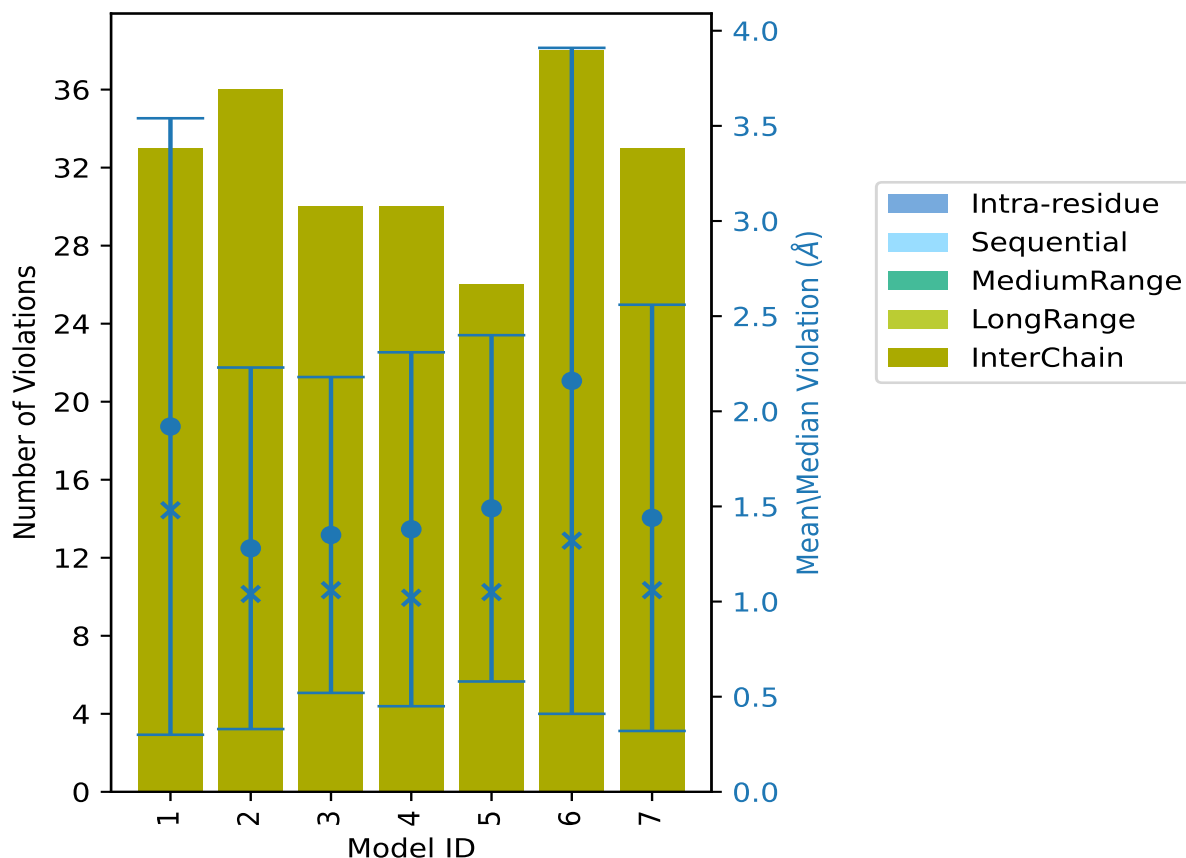
The following table provides the distance violation statistics for each model in the ensemble. Violations less than 0.1 Å are not included in the statistics.

Model ID	Number of violations						Mean (Å)	Max (Å)	SD ⁶ (Å)	Median (Å)
	IR ¹	SQ ²	MR ³	LR ⁴	IC ⁵	Total				
1	0	0	0	0	33	33	1.92	8.42	1.62	1.48
2	0	0	0	0	36	36	1.28	3.34	0.95	1.04
3	0	0	0	0	30	30	1.35	3.09	0.83	1.06
4	0	0	0	0	30	30	1.38	3.29	0.93	1.02
5	0	0	0	0	26	26	1.49	3.49	0.91	1.05
6	0	0	0	0	38	38	2.16	7.47	1.75	1.32
7	0	0	0	0	33	33	1.44	4.47	1.12	1.06

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

⁵Inter-chain restraints, ⁶Standard deviation

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



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

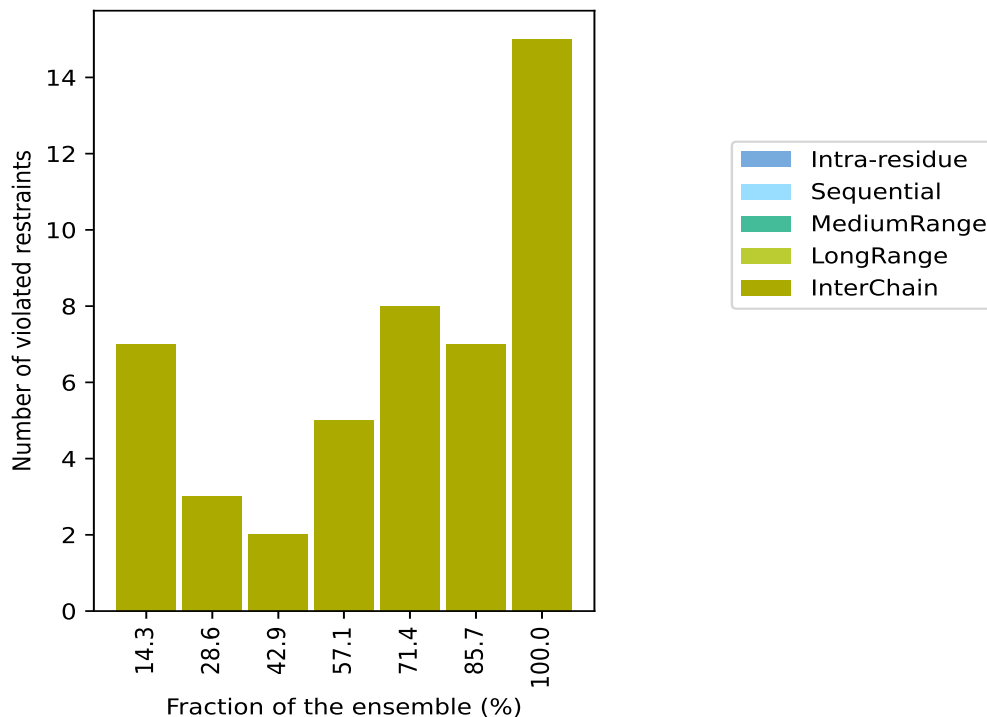
9.3 Distance violation statistics for the ensemble [i](#)

Violation analysis may find that some restraints are violated in few models and some are violated in most of models. The following table provides this information as number of violated restraints for a given fraction of the ensemble. In total, 10(IR:0, SQ:0, MR:0, LR:0, IC:10) restraints are not violated in the ensemble.

Number of violated restraints						Fraction of the ensemble	
IR ¹	SQ ²	MR ³	LR ⁴	IC ⁵	Total	Count ⁶	%
0	0	0	0	7	7	1	14.3
0	0	0	0	3	3	2	28.6
0	0	0	0	2	2	3	42.9
0	0	0	0	5	5	4	57.1
0	0	0	0	8	8	5	71.4
0	0	0	0	7	7	6	85.7
0	0	0	0	15	15	7	100.0

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

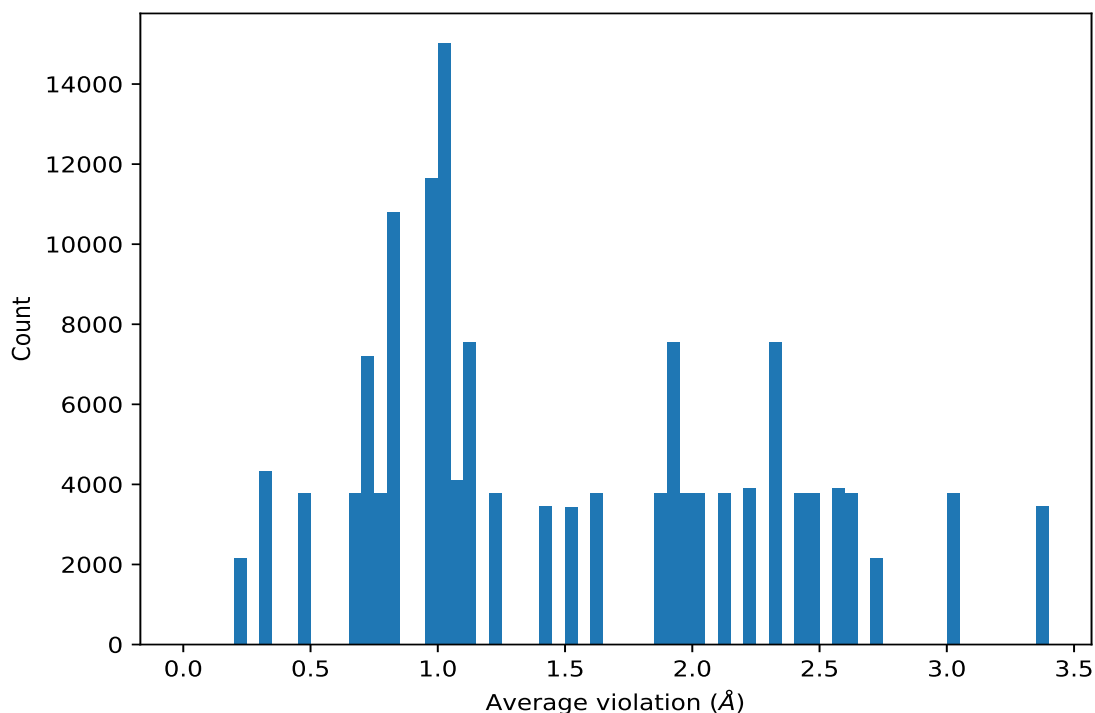
9.3.1 Bar graph : Distance violation statistics for the ensemble [i](#)



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

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

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



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

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

Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:C	3:A:1:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:1:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:1:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:1:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:1:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:1:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:1:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:1:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:1:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:1:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:1:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:2:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:2:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:2:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:2:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:2:PCW:C15	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:C	3:A:2:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:2:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:2:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:2:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:2:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:2:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:3:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:3:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:3:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:3:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:3:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:3:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:3:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:3:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:3:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:3:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:3:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:4:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:4:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:4:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:4:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:4:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:4:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:4:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:4:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:4:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:4:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:4:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:5:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:5:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:5:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:5:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:5:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:5:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:5:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:5:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:5:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:5:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:5:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:6:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:6:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:6:PCW:C13	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:C	3:A:6:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:6:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:6:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:6:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:6:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:6:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:6:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:6:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:7:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:7:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:7:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:7:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:7:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:7:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:7:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:7:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:7:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:7:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:7:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:8:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:8:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:8:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:8:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:8:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:8:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:8:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:8:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:8:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:8:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:8:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:9:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:9:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:9:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:9:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:9:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:9:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:9:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:9:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:9:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:9:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:9:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:10:PCW:C11	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:C	3:A:10:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:10:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:10:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:10:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:10:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:10:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:10:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:10:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:10:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:10:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:11:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:11:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:11:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:11:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:11:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:11:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:11:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:11:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:11:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:11:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:11:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:12:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:12:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:12:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:12:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:12:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:12:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:12:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:12:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:12:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:12:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:12:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:13:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:13:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:13:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:13:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:13:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:13:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:13:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:13:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:13:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:13:PCW:O31	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:C	3:A:13:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:14:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:14:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:14:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:14:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:14:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:14:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:14:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:14:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:14:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:14:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:14:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:15:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:15:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:15:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:15:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:15:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:15:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:15:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:15:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:15:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:15:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:15:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:16:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:16:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:16:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:16:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:16:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:16:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:16:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:16:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:16:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:16:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:16:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:17:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:17:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:17:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:17:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:17:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:17:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:17:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:17:PCW:O2	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:C	3:A:17:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:17:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:17:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:18:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:18:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:18:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:18:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:18:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:18:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:18:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:18:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:18:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:18:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:18:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:19:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:19:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:19:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:19:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:19:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:19:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:19:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:19:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:19:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:19:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:19:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:20:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:20:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:20:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:20:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:20:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:20:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:20:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:20:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:20:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:20:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:20:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:21:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:21:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:21:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:21:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:21:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:21:PCW:N	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:C	3:A:21:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:21:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:21:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:21:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:21:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:22:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:22:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:22:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:22:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:22:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:22:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:22:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:22:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:22:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:22:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:22:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:23:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:23:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:23:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:23:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:23:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:23:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:23:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:23:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:23:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:23:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:23:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:24:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:24:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:24:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:24:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:24:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:24:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:24:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:24:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:24:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:24:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:24:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:25:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:25:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:25:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:25:PCW:C14	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:C	3:A:25:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:25:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:25:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:25:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:25:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:25:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:25:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:26:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:26:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:26:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:26:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:26:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:26:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:26:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:26:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:26:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:26:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:26:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:27:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:27:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:27:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:27:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:27:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:27:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:27:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:27:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:27:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:27:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:27:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:28:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:28:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:28:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:28:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:28:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:28:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:28:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:28:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:28:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:28:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:28:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:29:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:29:PCW:C12	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:C	3:A:29:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:29:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:29:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:29:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:29:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:29:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:29:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:29:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:29:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:30:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:30:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:30:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:30:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:30:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:30:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:30:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:30:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:30:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:30:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:30:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:31:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:31:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:31:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:31:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:31:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:31:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:31:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:31:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:31:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:31:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:31:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:32:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:32:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:32:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:32:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:32:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:32:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:32:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:32:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:32:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:32:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	3:A:32:PCW:P	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:C	4:A:33:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:33:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:33:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:33:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:33:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:33:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:33:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:33:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:33:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:33:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:34:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:34:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:34:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:34:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:34:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:34:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:34:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:34:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:34:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:34:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:35:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:35:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:35:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:35:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:35:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:35:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:35:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:35:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:35:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:35:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:36:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:36:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:36:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:36:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:36:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:36:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:36:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:36:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:36:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:36:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:37:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:37:17F:C8	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:C	4:A:37:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:37:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:37:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:37:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:37:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:37:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:37:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:37:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:38:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:38:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:38:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:38:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:38:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:38:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:38:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:38:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:38:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:38:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:39:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:39:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:39:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:39:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:39:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:39:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:39:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:39:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:39:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:39:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:40:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:40:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:40:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:40:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:40:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:40:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:40:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:40:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:40:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	4:A:40:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	2:B:1:MET:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:C	2:B:2:THR:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:1:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:1:PCW:C12	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:CA	3:A:1:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:1:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:1:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:1:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:1:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:1:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:1:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:1:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:1:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:2:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:2:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:2:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:2:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:2:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:2:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:2:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:2:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:2:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:2:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:2:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:3:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:3:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:3:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:3:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:3:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:3:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:3:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:3:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:3:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:3:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:3:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:4:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:4:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:4:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:4:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:4:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:4:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:4:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:4:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:4:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:4:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:4:PCW:P	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:CA	3:A:5:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:5:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:5:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:5:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:5:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:5:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:5:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:5:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:5:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:5:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:5:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:6:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:6:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:6:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:6:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:6:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:6:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:6:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:6:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:6:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:6:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:6:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:7:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:7:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:7:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:7:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:7:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:7:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:7:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:7:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:7:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:7:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:7:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:8:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:8:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:8:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:8:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:8:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:8:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:8:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:8:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:8:PCW:O3	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:CA	3:A:8:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:8:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:9:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:9:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:9:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:9:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:9:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:9:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:9:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:9:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:9:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:9:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:9:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:10:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:10:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:10:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:10:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:10:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:10:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:10:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:10:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:10:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:10:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:10:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:11:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:11:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:11:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:11:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:11:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:11:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:11:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:11:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:11:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:11:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:11:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:12:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:12:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:12:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:12:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:12:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:12:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:12:PCW:O11	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:CA	3:A:12:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:12:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:12:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:12:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:13:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:13:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:13:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:13:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:13:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:13:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:13:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:13:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:13:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:13:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:13:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:14:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:14:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:14:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:14:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:14:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:14:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:14:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:14:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:14:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:14:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:14:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:15:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:15:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:15:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:15:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:15:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:15:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:15:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:15:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:15:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:15:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:15:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:16:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:16:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:16:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:16:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:16:PCW:C15	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:CA	3:A:16:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:16:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:16:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:16:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:16:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:16:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:17:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:17:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:17:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:17:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:17:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:17:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:17:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:17:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:17:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:17:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:17:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:18:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:18:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:18:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:18:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:18:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:18:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:18:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:18:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:18:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:18:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:18:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:19:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:19:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:19:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:19:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:19:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:19:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:19:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:19:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:19:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:19:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:19:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:20:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:20:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:20:PCW:C13	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:CA	3:A:20:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:20:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:20:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:20:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:20:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:20:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:20:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:20:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:21:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:21:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:21:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:21:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:21:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:21:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:21:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:21:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:21:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:21:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:21:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:22:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:22:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:22:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:22:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:22:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:22:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:22:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:22:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:22:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:22:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:22:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:23:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:23:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:23:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:23:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:23:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:23:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:23:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:23:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:23:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:23:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:23:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:24:PCW:C11	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:CA	3:A:24:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:24:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:24:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:24:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:24:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:24:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:24:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:24:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:24:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:24:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:25:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:25:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:25:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:25:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:25:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:25:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:25:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:25:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:25:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:25:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:25:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:26:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:26:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:26:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:26:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:26:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:26:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:26:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:26:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:26:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:26:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:26:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:27:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:27:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:27:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:27:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:27:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:27:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:27:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:27:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:27:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:27:PCW:O31	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:CA	3:A:27:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:28:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:28:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:28:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:28:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:28:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:28:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:28:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:28:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:28:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:28:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:28:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:29:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:29:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:29:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:29:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:29:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:29:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:29:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:29:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:29:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:29:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:29:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:30:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:30:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:30:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:30:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:30:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:30:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:30:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:30:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:30:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:30:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:30:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:31:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:31:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:31:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:31:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:31:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:31:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:31:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:31:PCW:O2	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:CA	3:A:31:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:31:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:31:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:32:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:32:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:32:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:32:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:32:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:32:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:32:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:32:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:32:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:32:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	3:A:32:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:33:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:33:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:33:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:33:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:33:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:33:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:33:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:33:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:33:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:33:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:34:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:34:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:34:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:34:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:34:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:34:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:34:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:34:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:34:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:34:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:35:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:35:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:35:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:35:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:35:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:35:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:35:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:35:17F:O7	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:CA	4:A:35:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:35:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:36:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:36:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:36:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:36:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:36:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:36:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:36:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:36:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:36:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:36:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:37:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:37:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:37:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:37:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:37:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:37:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:37:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:37:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:37:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:37:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:38:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:38:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:38:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:38:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:38:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:38:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:38:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:38:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:38:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:38:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:39:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:39:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:39:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:39:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:39:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:39:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:39:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:39:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:39:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:39:17F:P1	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:CA	4:A:40:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:40:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:40:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:40:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:40:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:40:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:40:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:40:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:40:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	4:A:40:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	2:B:1:MET:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CA	2:B:2:THR:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:1:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:1:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:1:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:1:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:1:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:1:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:1:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:1:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:1:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:1:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:1:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:2:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:2:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:2:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:2:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:2:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:2:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:2:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:2:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:2:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:2:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:2:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:3:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:3:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:3:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:3:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:3:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:3:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:3:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:3:PCW:O2	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:CB	3:A:3:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:3:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:3:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:4:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:4:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:4:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:4:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:4:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:4:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:4:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:4:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:4:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:4:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:4:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:5:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:5:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:5:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:5:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:5:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:5:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:5:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:5:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:5:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:5:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:5:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:6:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:6:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:6:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:6:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:6:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:6:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:6:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:6:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:6:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:6:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:6:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:7:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:7:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:7:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:7:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:7:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:7:PCW:N	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:CB	3:A:7:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:7:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:7:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:7:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:7:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:8:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:8:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:8:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:8:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:8:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:8:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:8:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:8:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:8:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:8:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:8:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:9:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:9:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:9:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:9:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:9:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:9:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:9:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:9:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:9:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:9:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:9:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:10:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:10:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:10:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:10:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:10:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:10:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:10:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:10:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:10:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:10:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:10:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:11:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:11:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:11:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:11:PCW:C14	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:CB	3:A:11:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:11:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:11:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:11:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:11:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:11:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:11:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:12:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:12:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:12:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:12:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:12:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:12:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:12:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:12:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:12:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:12:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:12:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:13:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:13:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:13:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:13:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:13:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:13:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:13:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:13:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:13:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:13:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:13:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:14:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:14:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:14:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:14:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:14:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:14:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:14:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:14:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:14:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:14:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:14:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:15:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:15:PCW:C12	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:CB	3:A:15:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:15:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:15:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:15:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:15:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:15:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:15:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:15:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:15:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:16:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:16:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:16:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:16:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:16:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:16:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:16:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:16:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:16:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:16:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:16:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:17:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:17:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:17:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:17:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:17:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:17:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:17:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:17:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:17:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:17:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:17:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:18:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:18:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:18:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:18:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:18:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:18:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:18:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:18:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:18:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:18:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:18:PCW:P	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:CB	3:A:19:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:19:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:19:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:19:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:19:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:19:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:19:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:19:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:19:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:19:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:19:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:20:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:20:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:20:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:20:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:20:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:20:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:20:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:20:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:20:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:20:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:20:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:21:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:21:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:21:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:21:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:21:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:21:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:21:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:21:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:21:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:21:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:21:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:22:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:22:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:22:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:22:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:22:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:22:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:22:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:22:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:22:PCW:O3	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:CB	3:A:22:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:22:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:23:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:23:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:23:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:23:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:23:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:23:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:23:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:23:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:23:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:23:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:23:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:24:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:24:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:24:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:24:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:24:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:24:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:24:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:24:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:24:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:24:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:24:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:25:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:25:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:25:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:25:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:25:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:25:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:25:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:25:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:25:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:25:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:25:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:26:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:26:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:26:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:26:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:26:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:26:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:26:PCW:O11	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:CB	3:A:26:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:26:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:26:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:26:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:27:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:27:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:27:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:27:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:27:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:27:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:27:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:27:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:27:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:27:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:27:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:28:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:28:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:28:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:28:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:28:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:28:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:28:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:28:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:28:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:28:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:28:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:29:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:29:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:29:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:29:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:29:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:29:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:29:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:29:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:29:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:29:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:29:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:30:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:30:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:30:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:30:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:30:PCW:C15	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:CB	3:A:30:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:30:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:30:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:30:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:30:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:30:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:31:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:31:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:31:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:31:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:31:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:31:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:31:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:31:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:31:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:31:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:31:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:32:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:32:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:32:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:32:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:32:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:32:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:32:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:32:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:32:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:32:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	3:A:32:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:33:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:33:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:33:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:33:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:33:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:33:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:33:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:33:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:33:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:33:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:34:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:34:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:34:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:34:17F:N1	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:CB	4:A:34:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:34:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:34:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:34:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:34:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:34:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:35:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:35:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:35:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:35:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:35:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:35:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:35:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:35:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:35:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:35:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:36:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:36:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:36:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:36:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:36:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:36:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:36:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:36:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:36:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:36:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:37:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:37:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:37:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:37:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:37:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:37:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:37:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:37:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:37:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:37:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:38:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:38:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:38:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:38:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:38:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:38:17F:O4	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:CB	4:A:38:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:38:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:38:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:38:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:39:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:39:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:39:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:39:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:39:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:39:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:39:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:39:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:39:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:39:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:40:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:40:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:40:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:40:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:40:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:40:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:40:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:40:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:40:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	4:A:40:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	2:B:1:MET:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:CB	2:B:2:THR:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:1:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:1:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:1:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:1:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:1:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:1:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:1:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:1:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:1:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:1:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:1:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:2:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:2:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:2:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:2:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:2:PCW:C15	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:H	3:A:2:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:2:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:2:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:2:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:2:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:2:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:3:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:3:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:3:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:3:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:3:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:3:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:3:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:3:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:3:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:3:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:3:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:4:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:4:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:4:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:4:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:4:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:4:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:4:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:4:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:4:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:4:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:4:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:5:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:5:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:5:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:5:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:5:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:5:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:5:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:5:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:5:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:5:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:5:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:6:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:6:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:6:PCW:C13	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:H	3:A:6:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:6:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:6:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:6:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:6:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:6:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:6:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:6:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:7:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:7:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:7:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:7:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:7:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:7:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:7:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:7:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:7:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:7:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:7:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:8:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:8:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:8:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:8:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:8:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:8:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:8:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:8:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:8:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:8:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:8:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:9:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:9:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:9:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:9:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:9:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:9:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:9:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:9:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:9:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:9:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:9:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:10:PCW:C11	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:H	3:A:10:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:10:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:10:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:10:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:10:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:10:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:10:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:10:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:10:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:10:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:11:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:11:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:11:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:11:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:11:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:11:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:11:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:11:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:11:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:11:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:11:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:12:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:12:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:12:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:12:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:12:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:12:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:12:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:12:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:12:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:12:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:12:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:13:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:13:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:13:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:13:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:13:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:13:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:13:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:13:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:13:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:13:PCW:O31	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:H	3:A:13:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:14:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:14:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:14:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:14:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:14:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:14:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:14:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:14:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:14:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:14:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:14:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:15:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:15:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:15:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:15:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:15:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:15:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:15:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:15:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:15:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:15:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:15:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:16:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:16:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:16:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:16:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:16:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:16:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:16:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:16:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:16:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:16:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:16:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:17:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:17:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:17:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:17:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:17:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:17:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:17:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:17:PCW:O2	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:H	3:A:17:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:17:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:17:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:18:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:18:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:18:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:18:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:18:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:18:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:18:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:18:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:18:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:18:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:18:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:19:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:19:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:19:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:19:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:19:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:19:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:19:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:19:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:19:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:19:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:19:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:20:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:20:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:20:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:20:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:20:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:20:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:20:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:20:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:20:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:20:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:20:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:21:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:21:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:21:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:21:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:21:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:21:PCW:N	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:H	3:A:21:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:21:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:21:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:21:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:21:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:22:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:22:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:22:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:22:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:22:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:22:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:22:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:22:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:22:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:22:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:22:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:23:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:23:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:23:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:23:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:23:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:23:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:23:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:23:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:23:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:23:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:23:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:24:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:24:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:24:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:24:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:24:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:24:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:24:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:24:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:24:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:24:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:24:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:25:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:25:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:25:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:25:PCW:C14	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:H	3:A:25:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:25:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:25:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:25:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:25:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:25:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:25:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:26:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:26:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:26:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:26:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:26:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:26:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:26:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:26:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:26:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:26:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:26:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:27:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:27:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:27:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:27:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:27:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:27:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:27:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:27:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:27:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:27:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:27:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:28:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:28:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:28:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:28:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:28:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:28:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:28:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:28:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:28:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:28:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:28:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:29:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:29:PCW:C12	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:H	3:A:29:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:29:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:29:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:29:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:29:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:29:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:29:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:29:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:29:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:30:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:30:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:30:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:30:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:30:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:30:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:30:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:30:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:30:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:30:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:30:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:31:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:31:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:31:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:31:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:31:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:31:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:31:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:31:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:31:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:31:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:31:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:32:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:32:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:32:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:32:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:32:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:32:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:32:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:32:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:32:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:32:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	3:A:32:PCW:P	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:H	4:A:33:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:33:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:33:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:33:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:33:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:33:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:33:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:33:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:33:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:33:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:34:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:34:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:34:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:34:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:34:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:34:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:34:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:34:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:34:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:34:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:35:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:35:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:35:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:35:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:35:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:35:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:35:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:35:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:35:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:35:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:36:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:36:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:36:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:36:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:36:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:36:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:36:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:36:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:36:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:36:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:37:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:37:17F:C8	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:H	4:A:37:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:37:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:37:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:37:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:37:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:37:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:37:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:37:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:38:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:38:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:38:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:38:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:38:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:38:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:38:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:38:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:38:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:38:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:39:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:39:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:39:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:39:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:39:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:39:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:39:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:39:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:39:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:39:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:40:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:40:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:40:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:40:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:40:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:40:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:40:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:40:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:40:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	4:A:40:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	2:B:1:MET:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:H	2:B:2:THR:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:1:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:1:PCW:C12	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:HG	3:A:1:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:1:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:1:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:1:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:1:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:1:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:1:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:1:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:1:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:2:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:2:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:2:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:2:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:2:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:2:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:2:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:2:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:2:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:2:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:2:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:3:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:3:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:3:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:3:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:3:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:3:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:3:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:3:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:3:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:3:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:3:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:4:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:4:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:4:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:4:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:4:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:4:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:4:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:4:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:4:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:4:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:4:PCW:P	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:HG	3:A:5:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:5:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:5:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:5:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:5:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:5:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:5:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:5:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:5:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:5:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:5:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:6:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:6:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:6:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:6:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:6:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:6:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:6:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:6:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:6:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:6:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:6:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:7:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:7:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:7:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:7:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:7:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:7:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:7:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:7:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:7:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:7:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:7:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:8:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:8:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:8:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:8:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:8:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:8:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:8:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:8:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:8:PCW:O3	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:HG	3:A:8:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:8:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:9:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:9:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:9:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:9:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:9:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:9:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:9:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:9:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:9:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:9:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:9:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:10:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:10:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:10:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:10:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:10:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:10:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:10:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:10:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:10:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:10:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:10:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:11:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:11:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:11:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:11:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:11:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:11:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:11:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:11:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:11:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:11:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:11:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:12:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:12:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:12:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:12:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:12:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:12:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:12:PCW:O11	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:HG	3:A:12:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:12:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:12:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:12:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:13:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:13:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:13:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:13:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:13:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:13:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:13:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:13:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:13:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:13:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:13:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:14:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:14:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:14:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:14:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:14:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:14:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:14:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:14:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:14:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:14:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:14:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:15:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:15:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:15:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:15:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:15:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:15:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:15:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:15:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:15:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:15:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:15:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:16:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:16:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:16:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:16:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:16:PCW:C15	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:HG	3:A:16:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:16:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:16:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:16:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:16:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:16:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:17:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:17:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:17:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:17:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:17:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:17:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:17:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:17:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:17:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:17:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:17:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:18:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:18:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:18:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:18:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:18:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:18:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:18:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:18:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:18:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:18:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:18:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:19:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:19:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:19:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:19:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:19:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:19:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:19:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:19:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:19:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:19:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:19:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:20:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:20:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:20:PCW:C13	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:HG	3:A:20:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:20:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:20:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:20:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:20:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:20:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:20:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:20:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:21:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:21:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:21:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:21:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:21:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:21:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:21:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:21:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:21:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:21:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:21:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:22:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:22:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:22:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:22:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:22:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:22:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:22:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:22:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:22:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:22:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:22:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:23:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:23:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:23:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:23:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:23:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:23:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:23:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:23:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:23:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:23:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:23:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:24:PCW:C11	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:HG	3:A:24:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:24:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:24:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:24:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:24:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:24:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:24:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:24:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:24:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:24:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:25:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:25:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:25:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:25:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:25:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:25:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:25:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:25:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:25:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:25:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:25:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:26:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:26:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:26:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:26:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:26:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:26:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:26:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:26:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:26:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:26:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:26:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:27:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:27:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:27:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:27:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:27:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:27:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:27:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:27:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:27:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:27:PCW:O31	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:HG	3:A:27:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:28:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:28:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:28:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:28:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:28:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:28:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:28:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:28:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:28:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:28:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:28:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:29:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:29:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:29:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:29:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:29:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:29:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:29:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:29:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:29:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:29:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:29:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:30:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:30:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:30:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:30:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:30:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:30:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:30:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:30:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:30:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:30:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:30:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:31:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:31:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:31:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:31:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:31:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:31:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:31:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:31:PCW:O2	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:HG	3:A:31:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:31:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:31:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:32:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:32:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:32:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:32:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:32:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:32:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:32:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:32:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:32:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:32:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	3:A:32:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:33:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:33:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:33:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:33:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:33:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:33:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:33:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:33:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:33:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:33:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:34:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:34:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:34:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:34:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:34:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:34:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:34:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:34:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:34:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:34:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:35:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:35:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:35:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:35:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:35:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:35:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:35:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:35:17F:O7	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:HG	4:A:35:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:35:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:36:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:36:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:36:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:36:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:36:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:36:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:36:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:36:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:36:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:36:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:37:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:37:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:37:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:37:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:37:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:37:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:37:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:37:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:37:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:37:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:38:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:38:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:38:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:38:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:38:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:38:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:38:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:38:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:38:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:38:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:39:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:39:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:39:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:39:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:39:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:39:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:39:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:39:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:39:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:39:17F:P1	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:HG	4:A:40:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:40:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:40:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:40:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:40:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:40:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:40:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:40:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:40:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	4:A:40:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	2:B:1:MET:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:HG	2:B:2:THR:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:1:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:1:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:1:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:1:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:1:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:1:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:1:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:1:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:1:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:1:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:1:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:2:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:2:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:2:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:2:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:2:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:2:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:2:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:2:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:2:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:2:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:2:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:3:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:3:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:3:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:3:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:3:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:3:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:3:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:3:PCW:O2	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:N	3:A:3:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:3:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:3:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:4:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:4:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:4:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:4:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:4:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:4:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:4:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:4:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:4:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:4:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:4:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:5:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:5:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:5:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:5:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:5:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:5:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:5:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:5:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:5:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:5:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:5:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:6:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:6:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:6:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:6:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:6:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:6:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:6:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:6:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:6:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:6:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:6:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:7:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:7:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:7:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:7:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:7:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:7:PCW:N	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:N	3:A:7:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:7:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:7:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:7:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:7:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:8:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:8:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:8:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:8:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:8:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:8:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:8:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:8:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:8:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:8:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:8:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:9:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:9:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:9:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:9:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:9:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:9:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:9:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:9:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:9:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:9:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:9:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:10:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:10:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:10:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:10:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:10:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:10:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:10:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:10:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:10:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:10:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:10:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:11:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:11:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:11:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:11:PCW:C14	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:N	3:A:11:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:11:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:11:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:11:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:11:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:11:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:11:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:12:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:12:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:12:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:12:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:12:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:12:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:12:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:12:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:12:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:12:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:12:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:13:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:13:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:13:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:13:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:13:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:13:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:13:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:13:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:13:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:13:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:13:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:14:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:14:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:14:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:14:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:14:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:14:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:14:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:14:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:14:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:14:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:14:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:15:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:15:PCW:C12	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:N	3:A:15:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:15:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:15:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:15:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:15:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:15:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:15:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:15:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:15:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:16:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:16:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:16:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:16:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:16:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:16:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:16:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:16:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:16:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:16:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:16:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:17:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:17:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:17:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:17:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:17:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:17:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:17:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:17:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:17:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:17:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:17:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:18:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:18:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:18:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:18:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:18:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:18:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:18:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:18:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:18:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:18:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:18:PCW:P	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:N	3:A:19:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:19:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:19:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:19:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:19:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:19:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:19:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:19:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:19:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:19:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:19:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:20:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:20:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:20:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:20:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:20:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:20:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:20:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:20:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:20:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:20:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:20:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:21:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:21:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:21:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:21:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:21:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:21:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:21:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:21:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:21:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:21:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:21:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:22:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:22:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:22:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:22:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:22:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:22:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:22:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:22:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:22:PCW:O3	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:N	3:A:22:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:22:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:23:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:23:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:23:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:23:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:23:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:23:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:23:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:23:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:23:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:23:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:23:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:24:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:24:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:24:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:24:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:24:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:24:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:24:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:24:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:24:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:24:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:24:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:25:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:25:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:25:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:25:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:25:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:25:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:25:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:25:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:25:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:25:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:25:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:26:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:26:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:26:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:26:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:26:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:26:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:26:PCW:O11	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:N	3:A:26:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:26:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:26:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:26:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:27:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:27:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:27:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:27:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:27:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:27:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:27:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:27:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:27:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:27:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:27:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:28:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:28:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:28:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:28:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:28:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:28:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:28:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:28:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:28:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:28:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:28:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:29:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:29:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:29:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:29:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:29:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:29:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:29:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:29:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:29:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:29:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:29:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:30:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:30:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:30:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:30:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:30:PCW:C15	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:N	3:A:30:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:30:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:30:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:30:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:30:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:30:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:31:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:31:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:31:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:31:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:31:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:31:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:31:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:31:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:31:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:31:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:31:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:32:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:32:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:32:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:32:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:32:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:32:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:32:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:32:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:32:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:32:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	3:A:32:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:33:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:33:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:33:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:33:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:33:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:33:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:33:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:33:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:33:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:33:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:34:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:34:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:34:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:34:17F:N1	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:N	4:A:34:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:34:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:34:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:34:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:34:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:34:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:35:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:35:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:35:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:35:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:35:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:35:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:35:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:35:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:35:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:35:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:36:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:36:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:36:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:36:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:36:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:36:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:36:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:36:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:36:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:36:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:37:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:37:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:37:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:37:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:37:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:37:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:37:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:37:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:37:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:37:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:38:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:38:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:38:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:38:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:38:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:38:17F:O4	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:N	4:A:38:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:38:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:38:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:38:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:39:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:39:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:39:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:39:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:39:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:39:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:39:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:39:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:39:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:39:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:40:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:40:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:40:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:40:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:40:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:40:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:40:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:40:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:40:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	4:A:40:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	2:B:1:MET:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:N	2:B:2:THR:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:1:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:1:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:1:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:1:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:1:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:1:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:1:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:1:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:1:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:1:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:1:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:2:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:2:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:2:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:2:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:2:PCW:C15	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:O	3:A:2:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:2:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:2:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:2:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:2:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:2:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:3:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:3:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:3:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:3:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:3:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:3:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:3:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:3:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:3:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:3:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:3:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:4:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:4:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:4:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:4:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:4:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:4:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:4:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:4:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:4:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:4:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:4:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:5:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:5:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:5:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:5:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:5:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:5:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:5:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:5:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:5:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:5:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:5:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:6:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:6:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:6:PCW:C13	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:O	3:A:6:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:6:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:6:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:6:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:6:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:6:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:6:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:6:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:7:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:7:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:7:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:7:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:7:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:7:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:7:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:7:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:7:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:7:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:7:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:8:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:8:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:8:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:8:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:8:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:8:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:8:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:8:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:8:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:8:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:8:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:9:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:9:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:9:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:9:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:9:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:9:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:9:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:9:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:9:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:9:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:9:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:10:PCW:C11	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:O	3:A:10:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:10:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:10:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:10:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:10:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:10:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:10:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:10:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:10:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:10:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:11:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:11:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:11:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:11:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:11:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:11:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:11:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:11:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:11:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:11:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:11:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:12:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:12:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:12:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:12:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:12:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:12:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:12:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:12:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:12:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:12:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:12:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:13:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:13:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:13:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:13:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:13:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:13:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:13:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:13:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:13:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:13:PCW:O31	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:O	3:A:13:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:14:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:14:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:14:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:14:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:14:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:14:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:14:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:14:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:14:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:14:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:14:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:15:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:15:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:15:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:15:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:15:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:15:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:15:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:15:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:15:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:15:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:15:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:16:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:16:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:16:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:16:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:16:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:16:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:16:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:16:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:16:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:16:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:16:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:17:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:17:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:17:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:17:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:17:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:17:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:17:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:17:PCW:O2	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:O	3:A:17:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:17:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:17:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:18:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:18:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:18:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:18:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:18:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:18:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:18:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:18:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:18:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:18:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:18:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:19:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:19:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:19:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:19:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:19:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:19:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:19:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:19:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:19:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:19:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:19:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:20:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:20:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:20:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:20:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:20:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:20:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:20:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:20:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:20:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:20:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:20:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:21:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:21:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:21:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:21:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:21:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:21:PCW:N	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:O	3:A:21:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:21:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:21:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:21:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:21:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:22:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:22:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:22:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:22:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:22:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:22:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:22:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:22:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:22:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:22:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:22:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:23:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:23:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:23:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:23:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:23:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:23:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:23:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:23:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:23:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:23:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:23:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:24:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:24:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:24:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:24:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:24:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:24:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:24:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:24:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:24:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:24:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:24:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:25:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:25:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:25:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:25:PCW:C14	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:O	3:A:25:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:25:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:25:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:25:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:25:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:25:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:25:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:26:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:26:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:26:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:26:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:26:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:26:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:26:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:26:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:26:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:26:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:26:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:27:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:27:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:27:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:27:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:27:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:27:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:27:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:27:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:27:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:27:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:27:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:28:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:28:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:28:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:28:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:28:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:28:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:28:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:28:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:28:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:28:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:28:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:29:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:29:PCW:C12	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:O	3:A:29:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:29:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:29:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:29:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:29:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:29:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:29:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:29:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:29:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:30:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:30:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:30:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:30:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:30:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:30:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:30:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:30:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:30:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:30:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:30:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:31:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:31:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:31:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:31:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:31:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:31:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:31:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:31:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:31:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:31:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:31:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:32:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:32:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:32:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:32:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:32:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:32:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:32:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:32:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:32:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:32:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	3:A:32:PCW:P	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:O	4:A:33:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:33:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:33:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:33:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:33:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:33:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:33:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:33:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:33:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:33:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:34:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:34:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:34:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:34:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:34:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:34:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:34:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:34:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:34:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:34:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:35:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:35:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:35:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:35:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:35:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:35:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:35:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:35:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:35:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:35:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:36:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:36:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:36:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:36:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:36:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:36:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:36:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:36:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:36:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:36:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:37:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:37:17F:C8	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:O	4:A:37:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:37:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:37:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:37:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:37:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:37:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:37:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:37:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:38:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:38:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:38:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:38:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:38:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:38:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:38:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:38:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:38:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:38:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:39:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:39:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:39:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:39:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:39:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:39:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:39:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:39:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:39:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:39:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:40:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:40:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:40:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:40:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:40:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:40:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:40:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:40:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:40:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	4:A:40:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	2:B:1:MET:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:O	2:B:2:THR:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:1:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:1:PCW:C12	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:SG	3:A:1:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:1:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:1:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:1:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:1:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:1:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:1:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:1:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:1:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:2:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:2:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:2:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:2:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:2:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:2:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:2:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:2:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:2:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:2:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:2:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:3:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:3:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:3:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:3:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:3:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:3:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:3:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:3:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:3:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:3:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:3:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:4:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:4:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:4:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:4:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:4:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:4:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:4:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:4:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:4:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:4:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:4:PCW:P	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:SG	3:A:5:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:5:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:5:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:5:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:5:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:5:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:5:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:5:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:5:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:5:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:5:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:6:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:6:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:6:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:6:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:6:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:6:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:6:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:6:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:6:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:6:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:6:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:7:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:7:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:7:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:7:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:7:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:7:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:7:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:7:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:7:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:7:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:7:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:8:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:8:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:8:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:8:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:8:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:8:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:8:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:8:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:8:PCW:O3	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:SG	3:A:8:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:8:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:9:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:9:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:9:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:9:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:9:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:9:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:9:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:9:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:9:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:9:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:9:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:10:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:10:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:10:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:10:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:10:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:10:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:10:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:10:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:10:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:10:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:10:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:11:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:11:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:11:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:11:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:11:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:11:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:11:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:11:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:11:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:11:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:11:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:12:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:12:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:12:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:12:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:12:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:12:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:12:PCW:O11	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:SG	3:A:12:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:12:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:12:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:12:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:13:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:13:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:13:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:13:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:13:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:13:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:13:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:13:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:13:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:13:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:13:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:14:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:14:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:14:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:14:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:14:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:14:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:14:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:14:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:14:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:14:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:14:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:15:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:15:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:15:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:15:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:15:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:15:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:15:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:15:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:15:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:15:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:15:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:16:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:16:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:16:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:16:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:16:PCW:C15	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:SG	3:A:16:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:16:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:16:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:16:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:16:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:16:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:17:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:17:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:17:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:17:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:17:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:17:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:17:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:17:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:17:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:17:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:17:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:18:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:18:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:18:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:18:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:18:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:18:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:18:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:18:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:18:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:18:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:18:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:19:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:19:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:19:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:19:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:19:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:19:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:19:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:19:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:19:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:19:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:19:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:20:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:20:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:20:PCW:C13	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:SG	3:A:20:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:20:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:20:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:20:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:20:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:20:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:20:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:20:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:21:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:21:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:21:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:21:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:21:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:21:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:21:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:21:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:21:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:21:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:21:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:22:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:22:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:22:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:22:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:22:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:22:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:22:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:22:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:22:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:22:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:22:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:23:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:23:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:23:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:23:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:23:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:23:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:23:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:23:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:23:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:23:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:23:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:24:PCW:C11	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:SG	3:A:24:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:24:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:24:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:24:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:24:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:24:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:24:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:24:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:24:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:24:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:25:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:25:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:25:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:25:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:25:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:25:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:25:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:25:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:25:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:25:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:25:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:26:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:26:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:26:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:26:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:26:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:26:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:26:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:26:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:26:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:26:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:26:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:27:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:27:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:27:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:27:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:27:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:27:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:27:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:27:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:27:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:27:PCW:O31	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:SG	3:A:27:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:28:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:28:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:28:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:28:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:28:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:28:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:28:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:28:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:28:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:28:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:28:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:29:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:29:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:29:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:29:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:29:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:29:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:29:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:29:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:29:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:29:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:29:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:30:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:30:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:30:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:30:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:30:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:30:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:30:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:30:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:30:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:30:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:30:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:31:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:31:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:31:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:31:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:31:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:31:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:31:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:31:PCW:O2	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:SG	3:A:31:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:31:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:31:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:32:PCW:C11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:32:PCW:C12	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:32:PCW:C13	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:32:PCW:C14	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:32:PCW:C15	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:32:PCW:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:32:PCW:O11	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:32:PCW:O2	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:32:PCW:O3	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:32:PCW:O31	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	3:A:32:PCW:P	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:33:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:33:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:33:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:33:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:33:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:33:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:33:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:33:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:33:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:33:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:34:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:34:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:34:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:34:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:34:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:34:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:34:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:34:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:34:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:34:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:35:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:35:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:35:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:35:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:35:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:35:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:35:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:35:17F:O7	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:SG	4:A:35:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:35:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:36:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:36:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:36:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:36:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:36:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:36:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:36:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:36:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:36:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:36:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:37:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:37:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:37:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:37:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:37:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:37:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:37:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:37:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:37:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:37:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:38:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:38:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:38:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:38:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:38:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:38:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:38:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:38:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:38:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:38:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:39:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:39:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:39:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:39:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:39:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:39:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:39:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:39:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:39:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:39:17F:P1	7	3.35	3.18	1.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,57)	2:B:185:CYS:SG	4:A:40:17F:C7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:40:17F:C8	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:40:17F:C9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:40:17F:N1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:40:17F:O10	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:40:17F:O4	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:40:17F:O5	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:40:17F:O7	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:40:17F:O9	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	4:A:40:17F:P1	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	2:B:1:MET:N	7	3.35	3.18	1.4
(1,57)	2:B:185:CYS:SG	2:B:2:THR:N	7	3.35	3.18	1.4
(1,8)	3:A:8:PCW:C11	2:B:1:MET:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:1:MET:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:1:MET:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:1:MET:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:1:MET:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:1:MET:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:1:MET:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:1:MET:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:1:MET:SD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:2:THR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:2:THR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:2:THR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:2:THR:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:2:THR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:2:THR:HG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:2:THR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:2:THR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:2:THR:OG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:3:GLU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:3:GLU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:3:GLU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:3:GLU:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:3:GLU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:3:GLU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:3:GLU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:3:GLU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:3:GLU:OE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:3:GLU:OE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:4:TYR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:4:TYR:CA	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:C11	2:B:4:TYR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:4:TYR:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:4:TYR:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:4:TYR:CE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:4:TYR:CE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:4:TYR:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:4:TYR:CZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:4:TYR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:4:TYR:HH	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:4:TYR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:4:TYR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:4:TYR:OH	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:47:ASP:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:47:ASP:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:47:ASP:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:47:ASP:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:47:ASP:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:47:ASP:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:47:ASP:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:47:ASP:OD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:47:ASP:OD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:48:GLY:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:48:GLY:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:48:GLY:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:48:GLY:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:48:GLY:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:49:GLU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:49:GLU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:49:GLU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:49:GLU:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:49:GLU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:49:GLU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:49:GLU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:49:GLU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:49:GLU:OE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:49:GLU:OE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:50:THR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:50:THR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:50:THR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:50:THR:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:50:THR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:50:THR:HG1	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:C11	2:B:50:THR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:50:THR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:50:THR:OG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:51:CYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:51:CYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:51:CYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:51:CYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:51:CYS:HG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:51:CYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:51:CYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:51:CYS:SG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:105:ASP:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:105:ASP:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:105:ASP:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:105:ASP:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:105:ASP:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:105:ASP:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:105:ASP:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:105:ASP:OD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:105:ASP:OD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:106:SER:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:106:SER:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:106:SER:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:106:SER:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:106:SER:HG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:106:SER:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:106:SER:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:106:SER:OG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:107:GLU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:107:GLU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:107:GLU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:107:GLU:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:107:GLU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:107:GLU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:107:GLU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:107:GLU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:107:GLU:OE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:107:GLU:OE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:132:ASP:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:132:ASP:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:132:ASP:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:132:ASP:CG	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:C11	2:B:132:ASP:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:132:ASP:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:132:ASP:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:132:ASP:OD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:132:ASP:OD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:133:LEU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:133:LEU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:133:LEU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:133:LEU:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:133:LEU:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:133:LEU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:133:LEU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:133:LEU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:133:LEU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:134:ALA:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:134:ALA:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:134:ALA:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:134:ALA:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:134:ALA:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:134:ALA:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:137:TYR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:137:TYR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:137:TYR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:137:TYR:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:137:TYR:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:137:TYR:CE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:137:TYR:CE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:137:TYR:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:137:TYR:CZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:137:TYR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:137:TYR:HH	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:137:TYR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:137:TYR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:137:TYR:OH	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:138:GLY:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:138:GLY:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:138:GLY:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:138:GLY:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:138:GLY:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:139:ILE:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:139:ILE:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:139:ILE:CB	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:C11	2:B:139:ILE:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:139:ILE:CG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:139:ILE:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:139:ILE:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:139:ILE:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:139:ILE:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:140:PRO:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:140:PRO:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:140:PRO:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:140:PRO:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:140:PRO:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:140:PRO:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:140:PRO:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:141:PHE:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:141:PHE:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:141:PHE:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:141:PHE:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:141:PHE:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:141:PHE:CE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:141:PHE:CE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:141:PHE:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:141:PHE:CZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:141:PHE:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:141:PHE:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:141:PHE:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:142:ILE:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:142:ILE:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:142:ILE:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:142:ILE:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:142:ILE:CG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:142:ILE:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:142:ILE:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:142:ILE:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:142:ILE:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:143:GLU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:143:GLU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:143:GLU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:143:GLU:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:143:GLU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:143:GLU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:143:GLU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:143:GLU:O	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:C11	2:B:143:GLU:OE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:143:GLU:OE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:158:THR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:158:THR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:158:THR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:158:THR:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:158:THR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:158:THR:HG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:158:THR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:158:THR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:158:THR:OG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:159:LEU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:159:LEU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:159:LEU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:159:LEU:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:159:LEU:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:159:LEU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:159:LEU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:159:LEU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:159:LEU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:160:VAL:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:160:VAL:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:160:VAL:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:160:VAL:CG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:160:VAL:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:160:VAL:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:160:VAL:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:160:VAL:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:170:MET:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:170:MET:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:170:MET:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:170:MET:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:170:MET:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:170:MET:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:170:MET:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:170:MET:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:170:MET:SD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:171:SER:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:171:SER:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:171:SER:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:171:SER:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:171:SER:HG	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:C11	2:B:171:SER:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:171:SER:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:171:SER:OG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:172:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:172:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:172:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:172:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:172:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:172:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:172:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:172:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:172:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:172:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:172:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:172:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:172:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:173:ASP:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:173:ASP:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:173:ASP:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:173:ASP:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:173:ASP:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:173:ASP:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:173:ASP:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:173:ASP:OD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:173:ASP:OD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:174:GLY:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:174:GLY:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:174:GLY:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:174:GLY:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:174:GLY:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:175:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:175:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:175:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:175:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:175:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:175:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:175:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:175:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:175:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:175:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:175:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:175:LYS:NZ	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:C11	2:B:175:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:176:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:176:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:176:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:176:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:176:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:176:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:176:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:176:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:176:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:176:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:176:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:176:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:176:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:177:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:177:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:177:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:177:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:177:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:177:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:177:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:177:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:177:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:177:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:177:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:177:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:177:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:178:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:178:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:178:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:178:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:178:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:178:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:178:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:178:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:178:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:178:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:178:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:178:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:178:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:184:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:184:LYS:CA	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:C11	2:B:184:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:184:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:184:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:184:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:184:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:184:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:184:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:184:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:184:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:184:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:184:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:185:CYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:185:CYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:185:CYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:185:CYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:185:CYS:HG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:185:CYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:185:CYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C11	2:B:185:CYS:SG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:1:MET:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:1:MET:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:1:MET:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:1:MET:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:1:MET:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:1:MET:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:1:MET:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:1:MET:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:1:MET:SD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:2:THR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:2:THR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:2:THR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:2:THR:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:2:THR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:2:THR:HG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:2:THR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:2:THR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:2:THR:OG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:3:GLU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:3:GLU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:3:GLU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:3:GLU:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:3:GLU:CG	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:C12	2:B:3:GLU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:3:GLU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:3:GLU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:3:GLU:OE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:3:GLU:OE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:4:TYR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:4:TYR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:4:TYR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:4:TYR:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:4:TYR:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:4:TYR:CE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:4:TYR:CE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:4:TYR:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:4:TYR:CZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:4:TYR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:4:TYR:HH	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:4:TYR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:4:TYR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:4:TYR:OH	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:47:ASP:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:47:ASP:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:47:ASP:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:47:ASP:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:47:ASP:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:47:ASP:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:47:ASP:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:47:ASP:OD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:47:ASP:OD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:48:GLY:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:48:GLY:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:48:GLY:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:48:GLY:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:48:GLY:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:49:GLU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:49:GLU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:49:GLU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:49:GLU:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:49:GLU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:49:GLU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:49:GLU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:49:GLU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:49:GLU:OE1	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:C12	2:B:49:GLU:OE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:50:THR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:50:THR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:50:THR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:50:THR:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:50:THR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:50:THR:HG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:50:THR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:50:THR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:50:THR:OG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:51:CYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:51:CYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:51:CYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:51:CYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:51:CYS:HG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:51:CYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:51:CYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:51:CYS:SG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:105:ASP:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:105:ASP:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:105:ASP:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:105:ASP:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:105:ASP:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:105:ASP:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:105:ASP:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:105:ASP:OD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:105:ASP:OD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:106:SER:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:106:SER:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:106:SER:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:106:SER:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:106:SER:HG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:106:SER:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:106:SER:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:106:SER:OG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:107:GLU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:107:GLU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:107:GLU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:107:GLU:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:107:GLU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:107:GLU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:107:GLU:N	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:C12	2:B:107:GLU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:107:GLU:OE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:107:GLU:OE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:132:ASP:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:132:ASP:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:132:ASP:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:132:ASP:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:132:ASP:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:132:ASP:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:132:ASP:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:132:ASP:OD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:132:ASP:OD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:133:LEU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:133:LEU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:133:LEU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:133:LEU:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:133:LEU:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:133:LEU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:133:LEU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:133:LEU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:133:LEU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:134:ALA:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:134:ALA:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:134:ALA:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:134:ALA:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:134:ALA:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:134:ALA:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:137:TYR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:137:TYR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:137:TYR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:137:TYR:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:137:TYR:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:137:TYR:CE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:137:TYR:CE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:137:TYR:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:137:TYR:CZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:137:TYR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:137:TYR:HH	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:137:TYR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:137:TYR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:137:TYR:OH	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:138:GLY:C	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:C12	2:B:138:GLY:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:138:GLY:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:138:GLY:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:138:GLY:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:139:ILE:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:139:ILE:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:139:ILE:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:139:ILE:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:139:ILE:CG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:139:ILE:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:139:ILE:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:139:ILE:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:139:ILE:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:140:PRO:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:140:PRO:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:140:PRO:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:140:PRO:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:140:PRO:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:140:PRO:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:140:PRO:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:141:PHE:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:141:PHE:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:141:PHE:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:141:PHE:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:141:PHE:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:141:PHE:CE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:141:PHE:CE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:141:PHE:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:141:PHE:CZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:141:PHE:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:141:PHE:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:141:PHE:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:142:ILE:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:142:ILE:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:142:ILE:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:142:ILE:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:142:ILE:CG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:142:ILE:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:142:ILE:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:142:ILE:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:142:ILE:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:143:GLU:C	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:C12	2:B:143:GLU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:143:GLU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:143:GLU:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:143:GLU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:143:GLU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:143:GLU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:143:GLU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:143:GLU:OE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:143:GLU:OE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:158:THR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:158:THR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:158:THR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:158:THR:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:158:THR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:158:THR:HG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:158:THR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:158:THR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:158:THR:OG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:159:LEU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:159:LEU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:159:LEU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:159:LEU:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:159:LEU:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:159:LEU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:159:LEU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:159:LEU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:159:LEU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:160:VAL:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:160:VAL:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:160:VAL:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:160:VAL:CG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:160:VAL:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:160:VAL:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:160:VAL:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:160:VAL:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:170:MET:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:170:MET:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:170:MET:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:170:MET:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:170:MET:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:170:MET:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:170:MET:N	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:C12	2:B:170:MET:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:170:MET:SD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:171:SER:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:171:SER:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:171:SER:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:171:SER:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:171:SER:HG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:171:SER:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:171:SER:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:171:SER:OG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:172:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:172:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:172:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:172:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:172:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:172:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:172:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:172:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:172:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:172:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:172:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:172:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:172:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:173:ASP:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:173:ASP:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:173:ASP:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:173:ASP:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:173:ASP:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:173:ASP:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:173:ASP:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:173:ASP:OD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:173:ASP:OD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:174:GLY:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:174:GLY:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:174:GLY:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:174:GLY:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:174:GLY:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:175:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:175:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:175:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:175:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:175:LYS:CE	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:C12	2:B:175:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:175:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:175:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:175:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:175:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:175:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:175:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:175:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:176:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:176:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:176:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:176:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:176:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:176:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:176:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:176:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:176:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:176:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:176:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:176:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:176:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:177:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:177:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:177:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:177:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:177:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:177:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:177:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:177:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:177:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:177:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:177:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:177:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:177:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:178:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:178:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:178:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:178:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:178:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:178:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:178:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:178:LYS:HZ1	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:C12	2:B:178:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:178:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:178:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:178:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:178:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:184:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:184:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:184:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:184:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:184:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:184:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:184:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:184:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:184:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:184:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:184:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:184:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:184:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:185:CYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:185:CYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:185:CYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:185:CYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:185:CYS:HG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:185:CYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:185:CYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C12	2:B:185:CYS:SG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:1:MET:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:1:MET:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:1:MET:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:1:MET:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:1:MET:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:1:MET:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:1:MET:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:1:MET:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:1:MET:SD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:2:THR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:2:THR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:2:THR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:2:THR:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:2:THR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:2:THR:HG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:2:THR:N	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:C13	2:B:2:THR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:2:THR:OG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:3:GLU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:3:GLU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:3:GLU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:3:GLU:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:3:GLU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:3:GLU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:3:GLU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:3:GLU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:3:GLU:OE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:3:GLU:OE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:4:TYR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:4:TYR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:4:TYR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:4:TYR:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:4:TYR:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:4:TYR:CE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:4:TYR:CE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:4:TYR:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:4:TYR:CZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:4:TYR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:4:TYR:HH	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:4:TYR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:4:TYR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:4:TYR:OH	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:47:ASP:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:47:ASP:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:47:ASP:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:47:ASP:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:47:ASP:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:47:ASP:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:47:ASP:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:47:ASP:OD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:47:ASP:OD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:48:GLY:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:48:GLY:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:48:GLY:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:48:GLY:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:48:GLY:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:49:GLU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:49:GLU:CA	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:C13	2:B:49:GLU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:49:GLU:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:49:GLU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:49:GLU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:49:GLU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:49:GLU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:49:GLU:OE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:49:GLU:OE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:50:THR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:50:THR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:50:THR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:50:THR:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:50:THR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:50:THR:HG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:50:THR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:50:THR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:50:THR:OG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:51:CYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:51:CYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:51:CYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:51:CYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:51:CYS:HG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:51:CYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:51:CYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:51:CYS:SG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:105:ASP:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:105:ASP:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:105:ASP:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:105:ASP:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:105:ASP:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:105:ASP:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:105:ASP:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:105:ASP:OD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:105:ASP:OD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:106:SER:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:106:SER:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:106:SER:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:106:SER:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:106:SER:HG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:106:SER:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:106:SER:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:106:SER:OG	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:C13	2:B:107:GLU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:107:GLU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:107:GLU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:107:GLU:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:107:GLU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:107:GLU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:107:GLU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:107:GLU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:107:GLU:OE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:107:GLU:OE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:132:ASP:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:132:ASP:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:132:ASP:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:132:ASP:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:132:ASP:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:132:ASP:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:132:ASP:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:132:ASP:OD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:132:ASP:OD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:133:LEU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:133:LEU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:133:LEU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:133:LEU:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:133:LEU:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:133:LEU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:133:LEU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:133:LEU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:133:LEU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:134:ALA:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:134:ALA:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:134:ALA:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:134:ALA:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:134:ALA:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:134:ALA:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:137:TYR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:137:TYR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:137:TYR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:137:TYR:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:137:TYR:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:137:TYR:CE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:137:TYR:CE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:137:TYR:CG	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:C13	2:B:137:TYR:CZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:137:TYR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:137:TYR:HH	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:137:TYR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:137:TYR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:137:TYR:OH	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:138:GLY:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:138:GLY:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:138:GLY:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:138:GLY:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:138:GLY:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:139:ILE:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:139:ILE:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:139:ILE:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:139:ILE:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:139:ILE:CG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:139:ILE:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:139:ILE:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:139:ILE:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:139:ILE:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:140:PRO:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:140:PRO:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:140:PRO:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:140:PRO:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:140:PRO:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:140:PRO:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:140:PRO:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:141:PHE:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:141:PHE:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:141:PHE:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:141:PHE:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:141:PHE:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:141:PHE:CE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:141:PHE:CE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:141:PHE:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:141:PHE:CZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:141:PHE:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:141:PHE:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:141:PHE:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:142:ILE:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:142:ILE:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:142:ILE:CB	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:C13	2:B:142:ILE:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:142:ILE:CG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:142:ILE:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:142:ILE:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:142:ILE:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:142:ILE:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:143:GLU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:143:GLU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:143:GLU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:143:GLU:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:143:GLU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:143:GLU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:143:GLU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:143:GLU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:143:GLU:OE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:143:GLU:OE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:158:THR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:158:THR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:158:THR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:158:THR:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:158:THR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:158:THR:HG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:158:THR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:158:THR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:158:THR:OG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:159:LEU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:159:LEU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:159:LEU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:159:LEU:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:159:LEU:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:159:LEU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:159:LEU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:159:LEU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:159:LEU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:160:VAL:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:160:VAL:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:160:VAL:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:160:VAL:CG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:160:VAL:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:160:VAL:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:160:VAL:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:160:VAL:O	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:C13	2:B:170:MET:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:170:MET:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:170:MET:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:170:MET:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:170:MET:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:170:MET:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:170:MET:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:170:MET:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:170:MET:SD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:171:SER:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:171:SER:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:171:SER:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:171:SER:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:171:SER:HG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:171:SER:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:171:SER:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:171:SER:OG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:172:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:172:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:172:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:172:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:172:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:172:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:172:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:172:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:172:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:172:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:172:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:172:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:172:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:173:ASP:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:173:ASP:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:173:ASP:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:173:ASP:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:173:ASP:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:173:ASP:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:173:ASP:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:173:ASP:OD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:173:ASP:OD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:174:GLY:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:174:GLY:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:174:GLY:H	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:C13	2:B:174:GLY:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:174:GLY:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:175:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:175:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:175:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:175:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:175:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:175:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:175:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:175:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:175:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:175:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:175:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:175:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:175:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:176:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:176:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:176:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:176:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:176:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:176:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:176:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:176:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:176:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:176:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:176:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:176:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:176:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:177:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:177:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:177:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:177:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:177:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:177:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:177:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:177:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:177:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:177:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:177:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:177:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:177:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:178:LYS:C	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:C13	2:B:178:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:178:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:178:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:178:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:178:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:178:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:178:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:178:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:178:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:178:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:178:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:178:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:184:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:184:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:184:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:184:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:184:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:184:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:184:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:184:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:184:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:184:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:184:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:184:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:184:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:185:CYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:185:CYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:185:CYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:185:CYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:185:CYS:HG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:185:CYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:185:CYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C13	2:B:185:CYS:SG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:1:MET:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:1:MET:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:1:MET:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:1:MET:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:1:MET:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:1:MET:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:1:MET:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:1:MET:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:1:MET:SD	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:C14	2:B:2:THR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:2:THR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:2:THR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:2:THR:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:2:THR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:2:THR:HG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:2:THR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:2:THR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:2:THR:OG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:3:GLU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:3:GLU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:3:GLU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:3:GLU:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:3:GLU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:3:GLU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:3:GLU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:3:GLU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:3:GLU:OE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:3:GLU:OE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:4:TYR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:4:TYR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:4:TYR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:4:TYR:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:4:TYR:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:4:TYR:CE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:4:TYR:CE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:4:TYR:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:4:TYR:CZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:4:TYR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:4:TYR:HH	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:4:TYR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:4:TYR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:4:TYR:OH	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:47:ASP:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:47:ASP:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:47:ASP:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:47:ASP:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:47:ASP:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:47:ASP:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:47:ASP:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:47:ASP:OD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:47:ASP:OD2	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:C14	2:B:48:GLY:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:48:GLY:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:48:GLY:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:48:GLY:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:48:GLY:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:49:GLU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:49:GLU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:49:GLU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:49:GLU:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:49:GLU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:49:GLU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:49:GLU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:49:GLU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:49:GLU:OE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:49:GLU:OE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:50:THR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:50:THR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:50:THR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:50:THR:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:50:THR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:50:THR:HG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:50:THR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:50:THR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:50:THR:OG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:51:CYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:51:CYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:51:CYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:51:CYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:51:CYS:HG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:51:CYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:51:CYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:51:CYS:SG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:105:ASP:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:105:ASP:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:105:ASP:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:105:ASP:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:105:ASP:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:105:ASP:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:105:ASP:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:105:ASP:OD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:105:ASP:OD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:106:SER:C	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:C14	2:B:106:SER:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:106:SER:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:106:SER:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:106:SER:HG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:106:SER:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:106:SER:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:106:SER:OG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:107:GLU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:107:GLU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:107:GLU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:107:GLU:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:107:GLU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:107:GLU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:107:GLU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:107:GLU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:107:GLU:OE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:107:GLU:OE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:132:ASP:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:132:ASP:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:132:ASP:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:132:ASP:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:132:ASP:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:132:ASP:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:132:ASP:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:132:ASP:OD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:132:ASP:OD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:133:LEU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:133:LEU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:133:LEU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:133:LEU:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:133:LEU:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:133:LEU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:133:LEU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:133:LEU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:133:LEU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:134:ALA:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:134:ALA:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:134:ALA:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:134:ALA:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:134:ALA:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:134:ALA:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:137:TYR:C	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:C14	2:B:137:TYR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:137:TYR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:137:TYR:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:137:TYR:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:137:TYR:CE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:137:TYR:CE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:137:TYR:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:137:TYR:CZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:137:TYR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:137:TYR:HH	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:137:TYR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:137:TYR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:137:TYR:OH	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:138:GLY:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:138:GLY:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:138:GLY:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:138:GLY:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:138:GLY:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:139:ILE:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:139:ILE:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:139:ILE:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:139:ILE:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:139:ILE:CG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:139:ILE:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:139:ILE:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:139:ILE:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:139:ILE:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:140:PRO:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:140:PRO:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:140:PRO:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:140:PRO:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:140:PRO:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:140:PRO:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:140:PRO:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:141:PHE:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:141:PHE:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:141:PHE:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:141:PHE:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:141:PHE:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:141:PHE:CE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:141:PHE:CE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:141:PHE:CG	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:C14	2:B:141:PHE:CZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:141:PHE:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:141:PHE:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:141:PHE:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:142:ILE:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:142:ILE:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:142:ILE:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:142:ILE:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:142:ILE:CG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:142:ILE:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:142:ILE:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:142:ILE:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:142:ILE:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:143:GLU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:143:GLU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:143:GLU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:143:GLU:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:143:GLU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:143:GLU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:143:GLU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:143:GLU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:143:GLU:OE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:143:GLU:OE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:158:THR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:158:THR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:158:THR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:158:THR:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:158:THR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:158:THR:HG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:158:THR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:158:THR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:158:THR:OG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:159:LEU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:159:LEU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:159:LEU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:159:LEU:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:159:LEU:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:159:LEU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:159:LEU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:159:LEU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:159:LEU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:160:VAL:C	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:C14	2:B:160:VAL:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:160:VAL:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:160:VAL:CG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:160:VAL:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:160:VAL:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:160:VAL:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:160:VAL:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:170:MET:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:170:MET:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:170:MET:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:170:MET:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:170:MET:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:170:MET:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:170:MET:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:170:MET:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:170:MET:SD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:171:SER:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:171:SER:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:171:SER:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:171:SER:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:171:SER:HG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:171:SER:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:171:SER:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:171:SER:OG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:172:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:172:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:172:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:172:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:172:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:172:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:172:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:172:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:172:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:172:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:172:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:172:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:172:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:173:ASP:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:173:ASP:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:173:ASP:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:173:ASP:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:173:ASP:H	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:C14	2:B:173:ASP:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:173:ASP:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:173:ASP:OD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:173:ASP:OD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:174:GLY:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:174:GLY:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:174:GLY:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:174:GLY:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:174:GLY:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:175:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:175:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:175:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:175:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:175:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:175:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:175:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:175:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:175:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:175:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:175:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:175:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:175:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:176:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:176:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:176:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:176:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:176:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:176:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:176:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:176:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:176:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:176:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:176:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:176:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:176:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:177:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:177:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:177:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:177:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:177:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:177:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:177:LYS:H	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:C14	2:B:177:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:177:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:177:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:177:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:177:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:177:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:178:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:178:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:178:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:178:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:178:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:178:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:178:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:178:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:178:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:178:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:178:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:178:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:178:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:184:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:184:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:184:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:184:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:184:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:184:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:184:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:184:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:184:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:184:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:184:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:184:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:184:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:185:CYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:185:CYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:185:CYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:185:CYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:185:CYS:HG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:185:CYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:185:CYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C14	2:B:185:CYS:SG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:1:MET:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:1:MET:CA	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:C15	2:B:1:MET:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:1:MET:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:1:MET:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:1:MET:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:1:MET:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:1:MET:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:1:MET:SD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:2:THR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:2:THR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:2:THR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:2:THR:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:2:THR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:2:THR:HG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:2:THR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:2:THR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:2:THR:OG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:3:GLU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:3:GLU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:3:GLU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:3:GLU:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:3:GLU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:3:GLU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:3:GLU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:3:GLU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:3:GLU:OE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:3:GLU:OE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:4:TYR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:4:TYR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:4:TYR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:4:TYR:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:4:TYR:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:4:TYR:CE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:4:TYR:CE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:4:TYR:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:4:TYR:CZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:4:TYR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:4:TYR:HH	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:4:TYR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:4:TYR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:4:TYR:OH	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:47:ASP:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:47:ASP:CA	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:C15	2:B:47:ASP:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:47:ASP:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:47:ASP:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:47:ASP:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:47:ASP:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:47:ASP:OD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:47:ASP:OD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:48:GLY:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:48:GLY:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:48:GLY:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:48:GLY:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:48:GLY:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:49:GLU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:49:GLU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:49:GLU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:49:GLU:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:49:GLU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:49:GLU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:49:GLU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:49:GLU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:49:GLU:OE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:49:GLU:OE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:50:THR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:50:THR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:50:THR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:50:THR:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:50:THR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:50:THR:HG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:50:THR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:50:THR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:50:THR:OG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:51:CYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:51:CYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:51:CYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:51:CYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:51:CYS:HG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:51:CYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:51:CYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:51:CYS:SG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:105:ASP:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:105:ASP:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:105:ASP:CB	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:C15	2:B:105:ASP:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:105:ASP:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:105:ASP:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:105:ASP:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:105:ASP:OD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:105:ASP:OD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:106:SER:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:106:SER:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:106:SER:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:106:SER:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:106:SER:HG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:106:SER:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:106:SER:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:106:SER:OG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:107:GLU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:107:GLU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:107:GLU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:107:GLU:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:107:GLU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:107:GLU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:107:GLU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:107:GLU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:107:GLU:OE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:107:GLU:OE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:132:ASP:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:132:ASP:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:132:ASP:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:132:ASP:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:132:ASP:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:132:ASP:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:132:ASP:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:132:ASP:OD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:132:ASP:OD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:133:LEU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:133:LEU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:133:LEU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:133:LEU:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:133:LEU:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:133:LEU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:133:LEU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:133:LEU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:133:LEU:O	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:C15	2:B:134:ALA:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:134:ALA:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:134:ALA:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:134:ALA:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:134:ALA:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:134:ALA:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:137:TYR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:137:TYR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:137:TYR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:137:TYR:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:137:TYR:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:137:TYR:CE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:137:TYR:CE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:137:TYR:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:137:TYR:CZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:137:TYR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:137:TYR:HH	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:137:TYR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:137:TYR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:137:TYR:OH	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:138:GLY:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:138:GLY:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:138:GLY:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:138:GLY:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:138:GLY:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:139:ILE:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:139:ILE:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:139:ILE:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:139:ILE:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:139:ILE:CG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:139:ILE:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:139:ILE:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:139:ILE:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:139:ILE:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:140:PRO:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:140:PRO:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:140:PRO:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:140:PRO:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:140:PRO:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:140:PRO:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:140:PRO:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:141:PHE:C	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:C15	2:B:141:PHE:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:141:PHE:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:141:PHE:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:141:PHE:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:141:PHE:CE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:141:PHE:CE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:141:PHE:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:141:PHE:CZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:141:PHE:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:141:PHE:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:141:PHE:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:142:ILE:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:142:ILE:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:142:ILE:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:142:ILE:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:142:ILE:CG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:142:ILE:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:142:ILE:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:142:ILE:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:142:ILE:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:143:GLU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:143:GLU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:143:GLU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:143:GLU:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:143:GLU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:143:GLU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:143:GLU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:143:GLU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:143:GLU:OE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:143:GLU:OE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:158:THR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:158:THR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:158:THR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:158:THR:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:158:THR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:158:THR:HG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:158:THR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:158:THR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:158:THR:OG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:159:LEU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:159:LEU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:159:LEU:CB	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:C15	2:B:159:LEU:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:159:LEU:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:159:LEU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:159:LEU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:159:LEU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:159:LEU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:160:VAL:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:160:VAL:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:160:VAL:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:160:VAL:CG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:160:VAL:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:160:VAL:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:160:VAL:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:160:VAL:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:170:MET:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:170:MET:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:170:MET:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:170:MET:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:170:MET:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:170:MET:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:170:MET:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:170:MET:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:170:MET:SD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:171:SER:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:171:SER:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:171:SER:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:171:SER:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:171:SER:HG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:171:SER:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:171:SER:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:171:SER:OG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:172:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:172:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:172:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:172:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:172:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:172:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:172:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:172:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:172:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:172:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:172:LYS:N	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:C15	2:B:172:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:172:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:173:ASP:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:173:ASP:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:173:ASP:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:173:ASP:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:173:ASP:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:173:ASP:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:173:ASP:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:173:ASP:OD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:173:ASP:OD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:174:GLY:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:174:GLY:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:174:GLY:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:174:GLY:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:174:GLY:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:175:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:175:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:175:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:175:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:175:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:175:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:175:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:175:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:175:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:175:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:175:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:175:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:175:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:176:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:176:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:176:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:176:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:176:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:176:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:176:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:176:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:176:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:176:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:176:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:176:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:176:LYS:O	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:C15	2:B:177:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:177:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:177:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:177:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:177:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:177:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:177:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:177:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:177:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:177:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:177:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:177:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:177:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:178:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:178:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:178:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:178:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:178:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:178:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:178:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:178:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:178:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:178:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:178:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:178:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:178:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:184:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:184:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:184:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:184:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:184:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:184:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:184:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:184:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:184:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:184:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:184:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:184:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:184:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:185:CYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:185:CYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:185:CYS:CB	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:C15	2:B:185:CYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:185:CYS:HG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:185:CYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:185:CYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:C15	2:B:185:CYS:SG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:1:MET:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:1:MET:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:1:MET:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:1:MET:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:1:MET:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:1:MET:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:1:MET:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:1:MET:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:1:MET:SD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:2:THR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:2:THR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:2:THR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:2:THR:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:2:THR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:2:THR:HG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:2:THR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:2:THR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:2:THR:OG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:3:GLU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:3:GLU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:3:GLU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:3:GLU:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:3:GLU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:3:GLU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:3:GLU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:3:GLU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:3:GLU:OE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:3:GLU:OE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:4:TYR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:4:TYR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:4:TYR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:4:TYR:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:4:TYR:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:4:TYR:CE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:4:TYR:CE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:4:TYR:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:4:TYR:CZ	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:N	2:B:4:TYR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:4:TYR:HH	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:4:TYR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:4:TYR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:4:TYR:OH	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:47:ASP:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:47:ASP:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:47:ASP:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:47:ASP:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:47:ASP:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:47:ASP:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:47:ASP:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:47:ASP:OD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:47:ASP:OD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:48:GLY:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:48:GLY:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:48:GLY:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:48:GLY:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:48:GLY:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:49:GLU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:49:GLU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:49:GLU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:49:GLU:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:49:GLU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:49:GLU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:49:GLU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:49:GLU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:49:GLU:OE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:49:GLU:OE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:50:THR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:50:THR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:50:THR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:50:THR:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:50:THR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:50:THR:HG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:50:THR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:50:THR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:50:THR:OG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:51:CYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:51:CYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:51:CYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:51:CYS:H	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:N	2:B:51:CYS:HG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:51:CYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:51:CYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:51:CYS:SG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:105:ASP:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:105:ASP:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:105:ASP:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:105:ASP:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:105:ASP:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:105:ASP:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:105:ASP:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:105:ASP:OD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:105:ASP:OD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:106:SER:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:106:SER:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:106:SER:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:106:SER:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:106:SER:HG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:106:SER:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:106:SER:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:106:SER:OG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:107:GLU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:107:GLU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:107:GLU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:107:GLU:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:107:GLU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:107:GLU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:107:GLU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:107:GLU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:107:GLU:OE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:107:GLU:OE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:132:ASP:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:132:ASP:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:132:ASP:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:132:ASP:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:132:ASP:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:132:ASP:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:132:ASP:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:132:ASP:OD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:132:ASP:OD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:133:LEU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:133:LEU:CA	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:N	2:B:133:LEU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:133:LEU:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:133:LEU:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:133:LEU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:133:LEU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:133:LEU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:133:LEU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:134:ALA:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:134:ALA:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:134:ALA:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:134:ALA:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:134:ALA:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:134:ALA:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:137:TYR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:137:TYR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:137:TYR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:137:TYR:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:137:TYR:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:137:TYR:CE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:137:TYR:CE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:137:TYR:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:137:TYR:CZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:137:TYR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:137:TYR:HH	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:137:TYR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:137:TYR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:137:TYR:OH	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:138:GLY:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:138:GLY:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:138:GLY:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:138:GLY:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:138:GLY:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:139:ILE:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:139:ILE:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:139:ILE:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:139:ILE:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:139:ILE:CG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:139:ILE:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:139:ILE:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:139:ILE:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:139:ILE:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:140:PRO:C	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:N	2:B:140:PRO:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:140:PRO:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:140:PRO:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:140:PRO:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:140:PRO:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:140:PRO:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:141:PHE:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:141:PHE:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:141:PHE:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:141:PHE:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:141:PHE:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:141:PHE:CE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:141:PHE:CE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:141:PHE:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:141:PHE:CZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:141:PHE:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:141:PHE:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:141:PHE:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:142:ILE:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:142:ILE:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:142:ILE:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:142:ILE:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:142:ILE:CG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:142:ILE:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:142:ILE:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:142:ILE:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:142:ILE:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:143:GLU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:143:GLU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:143:GLU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:143:GLU:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:143:GLU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:143:GLU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:143:GLU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:143:GLU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:143:GLU:OE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:143:GLU:OE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:158:THR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:158:THR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:158:THR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:158:THR:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:158:THR:H	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:N	2:B:158:THR:HG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:158:THR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:158:THR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:158:THR:OG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:159:LEU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:159:LEU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:159:LEU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:159:LEU:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:159:LEU:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:159:LEU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:159:LEU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:159:LEU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:159:LEU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:160:VAL:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:160:VAL:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:160:VAL:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:160:VAL:CG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:160:VAL:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:160:VAL:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:160:VAL:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:160:VAL:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:170:MET:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:170:MET:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:170:MET:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:170:MET:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:170:MET:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:170:MET:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:170:MET:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:170:MET:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:170:MET:SD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:171:SER:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:171:SER:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:171:SER:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:171:SER:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:171:SER:HG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:171:SER:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:171:SER:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:171:SER:OG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:172:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:172:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:172:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:172:LYS:CD	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:N	2:B:172:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:172:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:172:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:172:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:172:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:172:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:172:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:172:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:172:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:173:ASP:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:173:ASP:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:173:ASP:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:173:ASP:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:173:ASP:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:173:ASP:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:173:ASP:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:173:ASP:OD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:173:ASP:OD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:174:GLY:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:174:GLY:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:174:GLY:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:174:GLY:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:174:GLY:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:175:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:175:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:175:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:175:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:175:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:175:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:175:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:175:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:175:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:175:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:175:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:175:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:175:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:176:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:176:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:176:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:176:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:176:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:176:LYS:CG	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:N	2:B:176:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:176:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:176:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:176:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:176:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:176:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:176:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:177:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:177:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:177:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:177:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:177:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:177:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:177:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:177:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:177:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:177:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:177:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:177:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:177:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:178:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:178:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:178:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:178:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:178:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:178:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:178:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:178:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:178:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:178:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:178:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:178:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:178:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:184:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:184:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:184:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:184:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:184:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:184:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:184:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:184:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:184:LYS:HZ2	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:N	2:B:184:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:184:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:184:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:184:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:185:CYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:185:CYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:185:CYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:185:CYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:185:CYS:HG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:185:CYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:185:CYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:N	2:B:185:CYS:SG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:1:MET:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:1:MET:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:1:MET:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:1:MET:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:1:MET:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:1:MET:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:1:MET:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:1:MET:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:1:MET:SD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:2:THR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:2:THR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:2:THR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:2:THR:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:2:THR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:2:THR:HG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:2:THR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:2:THR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:2:THR:OG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:3:GLU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:3:GLU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:3:GLU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:3:GLU:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:3:GLU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:3:GLU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:3:GLU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:3:GLU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:3:GLU:OE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:3:GLU:OE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:4:TYR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:4:TYR:CA	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:O11	2:B:4:TYR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:4:TYR:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:4:TYR:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:4:TYR:CE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:4:TYR:CE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:4:TYR:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:4:TYR:CZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:4:TYR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:4:TYR:HH	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:4:TYR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:4:TYR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:4:TYR:OH	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:47:ASP:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:47:ASP:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:47:ASP:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:47:ASP:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:47:ASP:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:47:ASP:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:47:ASP:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:47:ASP:OD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:47:ASP:OD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:48:GLY:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:48:GLY:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:48:GLY:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:48:GLY:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:48:GLY:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:49:GLU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:49:GLU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:49:GLU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:49:GLU:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:49:GLU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:49:GLU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:49:GLU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:49:GLU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:49:GLU:OE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:49:GLU:OE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:50:THR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:50:THR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:50:THR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:50:THR:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:50:THR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:50:THR:HG1	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:O11	2:B:50:THR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:50:THR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:50:THR:OG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:51:CYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:51:CYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:51:CYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:51:CYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:51:CYS:HG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:51:CYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:51:CYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:51:CYS:SG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:105:ASP:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:105:ASP:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:105:ASP:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:105:ASP:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:105:ASP:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:105:ASP:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:105:ASP:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:105:ASP:OD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:105:ASP:OD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:106:SER:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:106:SER:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:106:SER:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:106:SER:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:106:SER:HG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:106:SER:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:106:SER:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:106:SER:OG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:107:GLU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:107:GLU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:107:GLU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:107:GLU:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:107:GLU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:107:GLU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:107:GLU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:107:GLU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:107:GLU:OE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:107:GLU:OE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:132:ASP:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:132:ASP:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:132:ASP:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:132:ASP:CG	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:O11	2:B:132:ASP:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:132:ASP:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:132:ASP:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:132:ASP:OD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:132:ASP:OD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:133:LEU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:133:LEU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:133:LEU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:133:LEU:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:133:LEU:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:133:LEU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:133:LEU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:133:LEU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:133:LEU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:134:ALA:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:134:ALA:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:134:ALA:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:134:ALA:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:134:ALA:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:134:ALA:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:137:TYR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:137:TYR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:137:TYR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:137:TYR:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:137:TYR:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:137:TYR:CE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:137:TYR:CE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:137:TYR:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:137:TYR:CZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:137:TYR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:137:TYR:HH	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:137:TYR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:137:TYR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:137:TYR:OH	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:138:GLY:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:138:GLY:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:138:GLY:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:138:GLY:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:138:GLY:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:139:ILE:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:139:ILE:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:139:ILE:CB	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:O11	2:B:139:ILE:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:139:ILE:CG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:139:ILE:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:139:ILE:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:139:ILE:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:139:ILE:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:140:PRO:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:140:PRO:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:140:PRO:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:140:PRO:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:140:PRO:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:140:PRO:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:140:PRO:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:141:PHE:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:141:PHE:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:141:PHE:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:141:PHE:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:141:PHE:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:141:PHE:CE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:141:PHE:CE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:141:PHE:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:141:PHE:CZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:141:PHE:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:141:PHE:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:141:PHE:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:142:ILE:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:142:ILE:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:142:ILE:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:142:ILE:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:142:ILE:CG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:142:ILE:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:142:ILE:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:142:ILE:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:142:ILE:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:143:GLU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:143:GLU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:143:GLU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:143:GLU:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:143:GLU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:143:GLU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:143:GLU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:143:GLU:O	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:O11	2:B:143:GLU:OE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:143:GLU:OE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:158:THR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:158:THR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:158:THR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:158:THR:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:158:THR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:158:THR:HG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:158:THR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:158:THR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:158:THR:OG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:159:LEU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:159:LEU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:159:LEU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:159:LEU:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:159:LEU:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:159:LEU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:159:LEU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:159:LEU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:159:LEU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:160:VAL:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:160:VAL:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:160:VAL:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:160:VAL:CG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:160:VAL:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:160:VAL:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:160:VAL:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:160:VAL:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:170:MET:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:170:MET:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:170:MET:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:170:MET:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:170:MET:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:170:MET:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:170:MET:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:170:MET:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:170:MET:SD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:171:SER:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:171:SER:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:171:SER:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:171:SER:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:171:SER:HG	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:O11	2:B:171:SER:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:171:SER:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:171:SER:OG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:172:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:172:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:172:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:172:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:172:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:172:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:172:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:172:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:172:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:172:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:172:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:172:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:172:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:173:ASP:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:173:ASP:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:173:ASP:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:173:ASP:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:173:ASP:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:173:ASP:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:173:ASP:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:173:ASP:OD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:173:ASP:OD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:174:GLY:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:174:GLY:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:174:GLY:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:174:GLY:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:174:GLY:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:175:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:175:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:175:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:175:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:175:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:175:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:175:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:175:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:175:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:175:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:175:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:175:LYS:NZ	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:O11	2:B:175:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:176:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:176:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:176:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:176:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:176:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:176:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:176:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:176:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:176:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:176:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:176:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:176:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:176:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:177:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:177:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:177:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:177:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:177:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:177:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:177:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:177:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:177:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:177:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:177:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:177:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:177:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:178:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:178:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:178:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:178:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:178:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:178:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:178:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:178:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:178:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:178:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:178:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:178:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:178:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:184:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:184:LYS:CA	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:O11	2:B:184:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:184:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:184:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:184:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:184:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:184:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:184:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:184:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:184:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:184:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:184:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:185:CYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:185:CYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:185:CYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:185:CYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:185:CYS:HG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:185:CYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:185:CYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O11	2:B:185:CYS:SG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:1:MET:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:1:MET:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:1:MET:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:1:MET:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:1:MET:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:1:MET:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:1:MET:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:1:MET:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:1:MET:SD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:2:THR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:2:THR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:2:THR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:2:THR:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:2:THR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:2:THR:HG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:2:THR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:2:THR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:2:THR:OG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:3:GLU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:3:GLU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:3:GLU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:3:GLU:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:3:GLU:CG	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:O2	2:B:3:GLU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:3:GLU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:3:GLU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:3:GLU:OE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:3:GLU:OE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:4:TYR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:4:TYR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:4:TYR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:4:TYR:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:4:TYR:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:4:TYR:CE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:4:TYR:CE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:4:TYR:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:4:TYR:CZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:4:TYR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:4:TYR:HH	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:4:TYR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:4:TYR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:4:TYR:OH	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:47:ASP:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:47:ASP:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:47:ASP:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:47:ASP:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:47:ASP:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:47:ASP:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:47:ASP:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:47:ASP:OD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:47:ASP:OD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:48:GLY:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:48:GLY:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:48:GLY:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:48:GLY:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:48:GLY:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:49:GLU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:49:GLU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:49:GLU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:49:GLU:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:49:GLU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:49:GLU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:49:GLU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:49:GLU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:49:GLU:OE1	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:O2	2:B:49:GLU:OE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:50:THR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:50:THR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:50:THR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:50:THR:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:50:THR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:50:THR:HG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:50:THR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:50:THR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:50:THR:OG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:51:CYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:51:CYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:51:CYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:51:CYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:51:CYS:HG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:51:CYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:51:CYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:51:CYS:SG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:105:ASP:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:105:ASP:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:105:ASP:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:105:ASP:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:105:ASP:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:105:ASP:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:105:ASP:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:105:ASP:OD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:105:ASP:OD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:106:SER:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:106:SER:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:106:SER:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:106:SER:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:106:SER:HG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:106:SER:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:106:SER:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:106:SER:OG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:107:GLU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:107:GLU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:107:GLU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:107:GLU:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:107:GLU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:107:GLU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:107:GLU:N	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:O2	2:B:107:GLU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:107:GLU:OE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:107:GLU:OE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:132:ASP:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:132:ASP:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:132:ASP:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:132:ASP:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:132:ASP:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:132:ASP:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:132:ASP:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:132:ASP:OD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:132:ASP:OD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:133:LEU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:133:LEU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:133:LEU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:133:LEU:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:133:LEU:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:133:LEU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:133:LEU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:133:LEU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:133:LEU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:134:ALA:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:134:ALA:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:134:ALA:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:134:ALA:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:134:ALA:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:134:ALA:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:137:TYR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:137:TYR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:137:TYR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:137:TYR:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:137:TYR:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:137:TYR:CE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:137:TYR:CE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:137:TYR:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:137:TYR:CZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:137:TYR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:137:TYR:HH	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:137:TYR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:137:TYR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:137:TYR:OH	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:138:GLY:C	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:O2	2:B:138:GLY:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:138:GLY:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:138:GLY:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:138:GLY:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:139:ILE:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:139:ILE:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:139:ILE:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:139:ILE:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:139:ILE:CG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:139:ILE:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:139:ILE:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:139:ILE:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:139:ILE:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:140:PRO:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:140:PRO:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:140:PRO:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:140:PRO:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:140:PRO:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:140:PRO:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:140:PRO:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:141:PHE:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:141:PHE:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:141:PHE:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:141:PHE:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:141:PHE:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:141:PHE:CE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:141:PHE:CE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:141:PHE:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:141:PHE:CZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:141:PHE:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:141:PHE:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:141:PHE:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:142:ILE:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:142:ILE:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:142:ILE:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:142:ILE:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:142:ILE:CG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:142:ILE:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:142:ILE:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:142:ILE:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:142:ILE:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:143:GLU:C	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:O2	2:B:143:GLU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:143:GLU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:143:GLU:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:143:GLU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:143:GLU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:143:GLU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:143:GLU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:143:GLU:OE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:143:GLU:OE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:158:THR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:158:THR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:158:THR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:158:THR:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:158:THR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:158:THR:HG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:158:THR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:158:THR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:158:THR:OG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:159:LEU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:159:LEU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:159:LEU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:159:LEU:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:159:LEU:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:159:LEU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:159:LEU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:159:LEU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:159:LEU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:160:VAL:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:160:VAL:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:160:VAL:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:160:VAL:CG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:160:VAL:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:160:VAL:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:160:VAL:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:160:VAL:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:170:MET:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:170:MET:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:170:MET:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:170:MET:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:170:MET:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:170:MET:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:170:MET:N	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:O2	2:B:170:MET:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:170:MET:SD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:171:SER:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:171:SER:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:171:SER:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:171:SER:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:171:SER:HG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:171:SER:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:171:SER:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:171:SER:OG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:172:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:172:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:172:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:172:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:172:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:172:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:172:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:172:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:172:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:172:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:172:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:172:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:172:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:173:ASP:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:173:ASP:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:173:ASP:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:173:ASP:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:173:ASP:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:173:ASP:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:173:ASP:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:173:ASP:OD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:173:ASP:OD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:174:GLY:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:174:GLY:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:174:GLY:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:174:GLY:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:174:GLY:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:175:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:175:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:175:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:175:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:175:LYS:CE	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:O2	2:B:175:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:175:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:175:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:175:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:175:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:175:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:175:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:175:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:176:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:176:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:176:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:176:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:176:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:176:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:176:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:176:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:176:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:176:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:176:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:176:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:176:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:177:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:177:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:177:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:177:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:177:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:177:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:177:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:177:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:177:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:177:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:177:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:177:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:177:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:178:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:178:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:178:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:178:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:178:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:178:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:178:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:178:LYS:HZ1	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:O2	2:B:178:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:178:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:178:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:178:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:178:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:184:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:184:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:184:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:184:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:184:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:184:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:184:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:184:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:184:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:184:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:184:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:184:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:184:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:185:CYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:185:CYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:185:CYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:185:CYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:185:CYS:HG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:185:CYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:185:CYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O2	2:B:185:CYS:SG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:1:MET:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:1:MET:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:1:MET:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:1:MET:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:1:MET:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:1:MET:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:1:MET:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:1:MET:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:1:MET:SD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:2:THR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:2:THR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:2:THR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:2:THR:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:2:THR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:2:THR:HG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:2:THR:N	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:O3	2:B:2:THR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:2:THR:OG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:3:GLU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:3:GLU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:3:GLU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:3:GLU:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:3:GLU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:3:GLU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:3:GLU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:3:GLU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:3:GLU:OE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:3:GLU:OE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:4:TYR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:4:TYR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:4:TYR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:4:TYR:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:4:TYR:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:4:TYR:CE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:4:TYR:CE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:4:TYR:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:4:TYR:CZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:4:TYR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:4:TYR:HH	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:4:TYR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:4:TYR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:4:TYR:OH	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:47:ASP:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:47:ASP:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:47:ASP:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:47:ASP:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:47:ASP:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:47:ASP:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:47:ASP:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:47:ASP:OD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:47:ASP:OD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:48:GLY:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:48:GLY:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:48:GLY:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:48:GLY:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:48:GLY:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:49:GLU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:49:GLU:CA	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:O3	2:B:49:GLU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:49:GLU:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:49:GLU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:49:GLU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:49:GLU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:49:GLU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:49:GLU:OE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:49:GLU:OE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:50:THR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:50:THR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:50:THR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:50:THR:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:50:THR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:50:THR:HG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:50:THR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:50:THR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:50:THR:OG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:51:CYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:51:CYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:51:CYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:51:CYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:51:CYS:HG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:51:CYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:51:CYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:51:CYS:SG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:105:ASP:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:105:ASP:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:105:ASP:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:105:ASP:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:105:ASP:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:105:ASP:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:105:ASP:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:105:ASP:OD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:105:ASP:OD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:106:SER:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:106:SER:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:106:SER:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:106:SER:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:106:SER:HG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:106:SER:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:106:SER:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:106:SER:OG	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:O3	2:B:107:GLU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:107:GLU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:107:GLU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:107:GLU:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:107:GLU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:107:GLU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:107:GLU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:107:GLU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:107:GLU:OE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:107:GLU:OE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:132:ASP:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:132:ASP:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:132:ASP:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:132:ASP:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:132:ASP:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:132:ASP:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:132:ASP:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:132:ASP:OD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:132:ASP:OD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:133:LEU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:133:LEU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:133:LEU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:133:LEU:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:133:LEU:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:133:LEU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:133:LEU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:133:LEU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:133:LEU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:134:ALA:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:134:ALA:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:134:ALA:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:134:ALA:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:134:ALA:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:134:ALA:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:137:TYR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:137:TYR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:137:TYR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:137:TYR:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:137:TYR:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:137:TYR:CE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:137:TYR:CE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:137:TYR:CG	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:O3	2:B:137:TYR:CZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:137:TYR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:137:TYR:HH	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:137:TYR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:137:TYR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:137:TYR:OH	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:138:GLY:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:138:GLY:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:138:GLY:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:138:GLY:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:138:GLY:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:139:ILE:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:139:ILE:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:139:ILE:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:139:ILE:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:139:ILE:CG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:139:ILE:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:139:ILE:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:139:ILE:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:139:ILE:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:140:PRO:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:140:PRO:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:140:PRO:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:140:PRO:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:140:PRO:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:140:PRO:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:140:PRO:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:141:PHE:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:141:PHE:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:141:PHE:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:141:PHE:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:141:PHE:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:141:PHE:CE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:141:PHE:CE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:141:PHE:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:141:PHE:CZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:141:PHE:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:141:PHE:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:141:PHE:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:142:ILE:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:142:ILE:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:142:ILE:CB	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:O3	2:B:142:ILE:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:142:ILE:CG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:142:ILE:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:142:ILE:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:142:ILE:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:142:ILE:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:143:GLU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:143:GLU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:143:GLU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:143:GLU:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:143:GLU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:143:GLU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:143:GLU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:143:GLU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:143:GLU:OE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:143:GLU:OE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:158:THR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:158:THR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:158:THR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:158:THR:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:158:THR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:158:THR:HG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:158:THR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:158:THR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:158:THR:OG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:159:LEU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:159:LEU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:159:LEU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:159:LEU:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:159:LEU:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:159:LEU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:159:LEU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:159:LEU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:159:LEU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:160:VAL:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:160:VAL:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:160:VAL:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:160:VAL:CG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:160:VAL:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:160:VAL:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:160:VAL:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:160:VAL:O	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:O3	2:B:170:MET:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:170:MET:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:170:MET:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:170:MET:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:170:MET:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:170:MET:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:170:MET:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:170:MET:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:170:MET:SD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:171:SER:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:171:SER:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:171:SER:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:171:SER:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:171:SER:HG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:171:SER:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:171:SER:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:171:SER:OG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:172:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:172:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:172:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:172:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:172:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:172:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:172:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:172:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:172:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:172:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:172:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:172:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:172:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:173:ASP:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:173:ASP:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:173:ASP:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:173:ASP:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:173:ASP:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:173:ASP:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:173:ASP:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:173:ASP:OD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:173:ASP:OD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:174:GLY:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:174:GLY:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:174:GLY:H	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:O3	2:B:174:GLY:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:174:GLY:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:175:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:175:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:175:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:175:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:175:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:175:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:175:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:175:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:175:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:175:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:175:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:175:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:175:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:176:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:176:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:176:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:176:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:176:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:176:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:176:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:176:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:176:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:176:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:176:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:176:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:176:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:177:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:177:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:177:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:177:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:177:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:177:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:177:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:177:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:177:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:177:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:177:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:177:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:177:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:178:LYS:C	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:O3	2:B:178:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:178:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:178:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:178:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:178:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:178:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:178:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:178:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:178:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:178:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:178:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:178:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:184:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:184:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:184:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:184:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:184:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:184:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:184:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:184:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:184:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:184:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:184:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:184:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:184:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:185:CYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:185:CYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:185:CYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:185:CYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:185:CYS:HG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:185:CYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:185:CYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O3	2:B:185:CYS:SG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:1:MET:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:1:MET:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:1:MET:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:1:MET:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:1:MET:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:1:MET:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:1:MET:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:1:MET:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:1:MET:SD	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:O31	2:B:2:THR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:2:THR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:2:THR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:2:THR:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:2:THR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:2:THR:HG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:2:THR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:2:THR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:2:THR:OG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:3:GLU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:3:GLU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:3:GLU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:3:GLU:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:3:GLU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:3:GLU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:3:GLU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:3:GLU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:3:GLU:OE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:3:GLU:OE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:4:TYR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:4:TYR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:4:TYR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:4:TYR:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:4:TYR:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:4:TYR:CE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:4:TYR:CE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:4:TYR:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:4:TYR:CZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:4:TYR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:4:TYR:HH	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:4:TYR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:4:TYR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:4:TYR:OH	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:47:ASP:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:47:ASP:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:47:ASP:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:47:ASP:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:47:ASP:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:47:ASP:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:47:ASP:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:47:ASP:OD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:47:ASP:OD2	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:O31	2:B:48:GLY:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:48:GLY:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:48:GLY:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:48:GLY:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:48:GLY:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:49:GLU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:49:GLU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:49:GLU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:49:GLU:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:49:GLU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:49:GLU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:49:GLU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:49:GLU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:49:GLU:OE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:49:GLU:OE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:50:THR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:50:THR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:50:THR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:50:THR:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:50:THR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:50:THR:HG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:50:THR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:50:THR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:50:THR:OG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:51:CYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:51:CYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:51:CYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:51:CYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:51:CYS:HG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:51:CYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:51:CYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:51:CYS:SG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:105:ASP:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:105:ASP:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:105:ASP:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:105:ASP:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:105:ASP:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:105:ASP:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:105:ASP:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:105:ASP:OD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:105:ASP:OD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:106:SER:C	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:O31	2:B:106:SER:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:106:SER:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:106:SER:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:106:SER:HG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:106:SER:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:106:SER:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:106:SER:OG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:107:GLU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:107:GLU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:107:GLU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:107:GLU:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:107:GLU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:107:GLU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:107:GLU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:107:GLU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:107:GLU:OE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:107:GLU:OE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:132:ASP:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:132:ASP:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:132:ASP:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:132:ASP:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:132:ASP:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:132:ASP:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:132:ASP:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:132:ASP:OD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:132:ASP:OD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:133:LEU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:133:LEU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:133:LEU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:133:LEU:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:133:LEU:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:133:LEU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:133:LEU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:133:LEU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:133:LEU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:134:ALA:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:134:ALA:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:134:ALA:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:134:ALA:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:134:ALA:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:134:ALA:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:137:TYR:C	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:O31	2:B:137:TYR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:137:TYR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:137:TYR:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:137:TYR:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:137:TYR:CE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:137:TYR:CE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:137:TYR:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:137:TYR:CZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:137:TYR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:137:TYR:HH	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:137:TYR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:137:TYR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:137:TYR:OH	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:138:GLY:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:138:GLY:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:138:GLY:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:138:GLY:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:138:GLY:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:139:ILE:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:139:ILE:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:139:ILE:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:139:ILE:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:139:ILE:CG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:139:ILE:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:139:ILE:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:139:ILE:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:139:ILE:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:140:PRO:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:140:PRO:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:140:PRO:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:140:PRO:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:140:PRO:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:140:PRO:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:140:PRO:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:141:PHE:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:141:PHE:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:141:PHE:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:141:PHE:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:141:PHE:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:141:PHE:CE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:141:PHE:CE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:141:PHE:CG	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:O31	2:B:141:PHE:CZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:141:PHE:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:141:PHE:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:141:PHE:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:142:ILE:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:142:ILE:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:142:ILE:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:142:ILE:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:142:ILE:CG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:142:ILE:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:142:ILE:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:142:ILE:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:142:ILE:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:143:GLU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:143:GLU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:143:GLU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:143:GLU:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:143:GLU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:143:GLU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:143:GLU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:143:GLU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:143:GLU:OE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:143:GLU:OE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:158:THR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:158:THR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:158:THR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:158:THR:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:158:THR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:158:THR:HG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:158:THR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:158:THR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:158:THR:OG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:159:LEU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:159:LEU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:159:LEU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:159:LEU:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:159:LEU:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:159:LEU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:159:LEU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:159:LEU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:159:LEU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:160:VAL:C	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:O31	2:B:160:VAL:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:160:VAL:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:160:VAL:CG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:160:VAL:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:160:VAL:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:160:VAL:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:160:VAL:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:170:MET:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:170:MET:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:170:MET:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:170:MET:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:170:MET:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:170:MET:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:170:MET:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:170:MET:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:170:MET:SD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:171:SER:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:171:SER:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:171:SER:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:171:SER:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:171:SER:HG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:171:SER:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:171:SER:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:171:SER:OG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:172:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:172:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:172:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:172:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:172:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:172:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:172:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:172:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:172:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:172:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:172:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:172:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:172:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:173:ASP:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:173:ASP:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:173:ASP:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:173:ASP:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:173:ASP:H	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:O31	2:B:173:ASP:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:173:ASP:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:173:ASP:OD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:173:ASP:OD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:174:GLY:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:174:GLY:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:174:GLY:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:174:GLY:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:174:GLY:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:175:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:175:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:175:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:175:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:175:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:175:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:175:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:175:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:175:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:175:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:175:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:175:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:175:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:176:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:176:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:176:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:176:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:176:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:176:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:176:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:176:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:176:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:176:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:176:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:176:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:176:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:177:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:177:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:177:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:177:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:177:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:177:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:177:LYS:H	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:O31	2:B:177:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:177:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:177:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:177:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:177:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:177:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:178:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:178:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:178:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:178:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:178:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:178:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:178:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:178:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:178:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:178:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:178:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:178:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:178:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:184:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:184:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:184:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:184:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:184:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:184:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:184:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:184:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:184:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:184:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:184:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:184:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:184:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:185:CYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:185:CYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:185:CYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:185:CYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:185:CYS:HG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:185:CYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:185:CYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:O31	2:B:185:CYS:SG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:1:MET:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:1:MET:CA	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:P	2:B:1:MET:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:1:MET:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:1:MET:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:1:MET:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:1:MET:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:1:MET:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:1:MET:SD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:2:THR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:2:THR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:2:THR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:2:THR:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:2:THR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:2:THR:HG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:2:THR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:2:THR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:2:THR:OG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:3:GLU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:3:GLU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:3:GLU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:3:GLU:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:3:GLU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:3:GLU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:3:GLU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:3:GLU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:3:GLU:OE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:3:GLU:OE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:4:TYR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:4:TYR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:4:TYR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:4:TYR:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:4:TYR:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:4:TYR:CE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:4:TYR:CE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:4:TYR:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:4:TYR:CZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:4:TYR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:4:TYR:HH	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:4:TYR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:4:TYR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:4:TYR:OH	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:47:ASP:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:47:ASP:CA	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:P	2:B:47:ASP:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:47:ASP:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:47:ASP:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:47:ASP:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:47:ASP:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:47:ASP:OD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:47:ASP:OD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:48:GLY:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:48:GLY:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:48:GLY:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:48:GLY:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:48:GLY:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:49:GLU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:49:GLU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:49:GLU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:49:GLU:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:49:GLU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:49:GLU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:49:GLU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:49:GLU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:49:GLU:OE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:49:GLU:OE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:50:THR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:50:THR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:50:THR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:50:THR:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:50:THR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:50:THR:HG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:50:THR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:50:THR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:50:THR:OG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:51:CYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:51:CYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:51:CYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:51:CYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:51:CYS:HG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:51:CYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:51:CYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:51:CYS:SG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:105:ASP:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:105:ASP:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:105:ASP:CB	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:P	2:B:105:ASP:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:105:ASP:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:105:ASP:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:105:ASP:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:105:ASP:OD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:105:ASP:OD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:106:SER:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:106:SER:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:106:SER:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:106:SER:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:106:SER:HG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:106:SER:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:106:SER:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:106:SER:OG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:107:GLU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:107:GLU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:107:GLU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:107:GLU:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:107:GLU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:107:GLU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:107:GLU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:107:GLU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:107:GLU:OE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:107:GLU:OE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:132:ASP:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:132:ASP:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:132:ASP:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:132:ASP:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:132:ASP:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:132:ASP:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:132:ASP:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:132:ASP:OD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:132:ASP:OD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:133:LEU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:133:LEU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:133:LEU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:133:LEU:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:133:LEU:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:133:LEU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:133:LEU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:133:LEU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:133:LEU:O	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:P	2:B:134:ALA:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:134:ALA:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:134:ALA:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:134:ALA:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:134:ALA:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:134:ALA:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:137:TYR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:137:TYR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:137:TYR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:137:TYR:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:137:TYR:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:137:TYR:CE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:137:TYR:CE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:137:TYR:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:137:TYR:CZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:137:TYR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:137:TYR:HH	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:137:TYR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:137:TYR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:137:TYR:OH	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:138:GLY:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:138:GLY:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:138:GLY:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:138:GLY:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:138:GLY:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:139:ILE:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:139:ILE:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:139:ILE:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:139:ILE:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:139:ILE:CG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:139:ILE:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:139:ILE:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:139:ILE:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:139:ILE:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:140:PRO:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:140:PRO:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:140:PRO:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:140:PRO:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:140:PRO:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:140:PRO:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:140:PRO:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:141:PHE:C	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:P	2:B:141:PHE:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:141:PHE:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:141:PHE:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:141:PHE:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:141:PHE:CE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:141:PHE:CE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:141:PHE:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:141:PHE:CZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:141:PHE:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:141:PHE:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:141:PHE:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:142:ILE:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:142:ILE:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:142:ILE:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:142:ILE:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:142:ILE:CG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:142:ILE:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:142:ILE:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:142:ILE:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:142:ILE:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:143:GLU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:143:GLU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:143:GLU:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:143:GLU:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:143:GLU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:143:GLU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:143:GLU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:143:GLU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:143:GLU:OE1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:143:GLU:OE2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:158:THR:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:158:THR:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:158:THR:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:158:THR:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:158:THR:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:158:THR:HG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:158:THR:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:158:THR:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:158:THR:OG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:159:LEU:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:159:LEU:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:159:LEU:CB	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:P	2:B:159:LEU:CD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:159:LEU:CD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:159:LEU:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:159:LEU:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:159:LEU:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:159:LEU:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:160:VAL:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:160:VAL:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:160:VAL:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:160:VAL:CG1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:160:VAL:CG2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:160:VAL:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:160:VAL:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:160:VAL:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:170:MET:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:170:MET:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:170:MET:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:170:MET:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:170:MET:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:170:MET:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:170:MET:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:170:MET:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:170:MET:SD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:171:SER:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:171:SER:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:171:SER:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:171:SER:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:171:SER:HG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:171:SER:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:171:SER:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:171:SER:OG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:172:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:172:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:172:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:172:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:172:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:172:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:172:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:172:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:172:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:172:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:172:LYS:N	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:P	2:B:172:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:172:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:173:ASP:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:173:ASP:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:173:ASP:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:173:ASP:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:173:ASP:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:173:ASP:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:173:ASP:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:173:ASP:OD1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:173:ASP:OD2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:174:GLY:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:174:GLY:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:174:GLY:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:174:GLY:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:174:GLY:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:175:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:175:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:175:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:175:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:175:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:175:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:175:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:175:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:175:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:175:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:175:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:175:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:175:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:176:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:176:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:176:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:176:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:176:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:176:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:176:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:176:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:176:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:176:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:176:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:176:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:176:LYS:O	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:P	2:B:177:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:177:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:177:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:177:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:177:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:177:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:177:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:177:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:177:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:177:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:177:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:177:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:177:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:178:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:178:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:178:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:178:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:178:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:178:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:178:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:178:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:178:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:178:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:178:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:178:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:178:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:184:LYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:184:LYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:184:LYS:CB	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:184:LYS:CD	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:184:LYS:CE	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:184:LYS:CG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:184:LYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:184:LYS:HZ1	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:184:LYS:HZ2	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:184:LYS:HZ3	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:184:LYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:184:LYS:NZ	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:184:LYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:185:CYS:C	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:185:CYS:CA	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:185:CYS:CB	7	3.01	1.56	2.8

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,8)	3:A:8:PCW:P	2:B:185:CYS:H	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:185:CYS:HG	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:185:CYS:N	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:185:CYS:O	7	3.01	1.56	2.8
(1,8)	3:A:8:PCW:P	2:B:185:CYS:SG	7	3.01	1.56	2.8
(1,44)	2:B:48:GLY:C	3:A:1:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:1:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:1:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:1:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:1:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:1:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:1:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:1:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:1:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:1:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:1:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:2:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:2:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:2:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:2:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:2:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:2:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:2:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:2:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:2:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:2:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:2:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:3:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:3:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:3:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:3:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:3:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:3:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:3:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:3:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:3:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:3:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:3:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:4:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:4:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:4:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:4:PCW:C14	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:C	3:A:4:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:4:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:4:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:4:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:4:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:4:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:4:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:5:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:5:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:5:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:5:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:5:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:5:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:5:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:5:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:5:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:5:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:5:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:6:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:6:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:6:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:6:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:6:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:6:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:6:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:6:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:6:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:6:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:6:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:7:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:7:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:7:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:7:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:7:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:7:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:7:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:7:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:7:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:7:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:7:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:8:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:8:PCW:C12	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:C	3:A:8:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:8:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:8:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:8:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:8:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:8:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:8:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:8:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:8:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:9:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:9:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:9:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:9:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:9:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:9:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:9:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:9:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:9:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:9:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:9:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:10:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:10:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:10:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:10:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:10:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:10:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:10:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:10:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:10:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:10:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:10:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:11:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:11:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:11:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:11:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:11:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:11:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:11:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:11:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:11:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:11:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:11:PCW:P	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:C	3:A:12:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:12:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:12:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:12:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:12:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:12:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:12:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:12:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:12:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:12:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:12:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:13:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:13:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:13:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:13:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:13:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:13:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:13:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:13:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:13:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:13:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:13:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:14:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:14:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:14:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:14:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:14:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:14:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:14:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:14:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:14:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:14:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:14:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:15:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:15:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:15:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:15:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:15:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:15:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:15:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:15:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:15:PCW:O3	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:C	3:A:15:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:15:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:16:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:16:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:16:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:16:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:16:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:16:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:16:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:16:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:16:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:16:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:16:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:17:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:17:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:17:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:17:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:17:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:17:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:17:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:17:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:17:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:17:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:17:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:18:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:18:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:18:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:18:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:18:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:18:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:18:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:18:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:18:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:18:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:18:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:19:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:19:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:19:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:19:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:19:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:19:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:19:PCW:O11	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:C	3:A:19:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:19:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:19:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:19:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:20:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:20:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:20:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:20:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:20:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:20:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:20:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:20:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:20:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:20:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:20:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:21:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:21:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:21:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:21:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:21:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:21:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:21:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:21:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:21:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:21:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:21:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:22:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:22:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:22:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:22:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:22:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:22:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:22:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:22:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:22:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:22:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:22:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:23:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:23:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:23:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:23:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:23:PCW:C15	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:C	3:A:23:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:23:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:23:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:23:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:23:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:23:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:24:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:24:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:24:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:24:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:24:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:24:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:24:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:24:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:24:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:24:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:24:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:25:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:25:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:25:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:25:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:25:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:25:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:25:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:25:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:25:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:25:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:25:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:26:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:26:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:26:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:26:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:26:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:26:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:26:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:26:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:26:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:26:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:26:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:27:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:27:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:27:PCW:C13	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:C	3:A:27:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:27:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:27:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:27:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:27:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:27:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:27:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:27:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:28:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:28:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:28:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:28:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:28:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:28:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:28:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:28:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:28:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:28:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:28:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:29:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:29:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:29:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:29:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:29:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:29:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:29:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:29:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:29:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:29:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:29:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:30:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:30:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:30:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:30:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:30:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:30:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:30:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:30:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:30:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:30:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:30:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:31:PCW:C11	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:C	3:A:31:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:31:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:31:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:31:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:31:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:31:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:31:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:31:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:31:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:31:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:32:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:32:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:32:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:32:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:32:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:32:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:32:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:32:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:32:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:32:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	3:A:32:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:33:17F:C7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:33:17F:C8	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:33:17F:C9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:33:17F:N1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:33:17F:O10	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:33:17F:O4	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:33:17F:O5	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:33:17F:O7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:33:17F:O9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:33:17F:P1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:34:17F:C7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:34:17F:C8	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:34:17F:C9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:34:17F:N1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:34:17F:O10	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:34:17F:O4	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:34:17F:O5	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:34:17F:O7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:34:17F:O9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:34:17F:P1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:35:17F:C7	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:C	4:A:35:17F:C8	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:35:17F:C9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:35:17F:N1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:35:17F:O10	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:35:17F:O4	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:35:17F:O5	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:35:17F:O7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:35:17F:O9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:35:17F:P1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:36:17F:C7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:36:17F:C8	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:36:17F:C9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:36:17F:N1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:36:17F:O10	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:36:17F:O4	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:36:17F:O5	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:36:17F:O7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:36:17F:O9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:36:17F:P1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:37:17F:C7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:37:17F:C8	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:37:17F:C9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:37:17F:N1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:37:17F:O10	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:37:17F:O4	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:37:17F:O5	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:37:17F:O7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:37:17F:O9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:37:17F:P1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:38:17F:C7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:38:17F:C8	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:38:17F:C9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:38:17F:N1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:38:17F:O10	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:38:17F:O4	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:38:17F:O5	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:38:17F:O7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:38:17F:O9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:38:17F:P1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:39:17F:C7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:39:17F:C8	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:39:17F:C9	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:C	4:A:39:17F:N1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:39:17F:O10	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:39:17F:O4	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:39:17F:O5	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:39:17F:O7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:39:17F:O9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:39:17F:P1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:40:17F:C7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:40:17F:C8	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:40:17F:C9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:40:17F:N1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:40:17F:O10	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:40:17F:O4	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:40:17F:O5	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:40:17F:O7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:40:17F:O9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	4:A:40:17F:P1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	2:B:1:MET:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:C	2:B:2:THR:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:1:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:1:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:1:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:1:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:1:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:1:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:1:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:1:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:1:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:1:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:1:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:2:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:2:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:2:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:2:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:2:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:2:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:2:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:2:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:2:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:2:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:2:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:3:PCW:C11	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:CA	3:A:3:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:3:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:3:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:3:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:3:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:3:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:3:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:3:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:3:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:3:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:4:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:4:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:4:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:4:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:4:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:4:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:4:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:4:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:4:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:4:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:4:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:5:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:5:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:5:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:5:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:5:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:5:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:5:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:5:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:5:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:5:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:5:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:6:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:6:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:6:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:6:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:6:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:6:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:6:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:6:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:6:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:6:PCW:O31	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:CA	3:A:6:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:7:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:7:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:7:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:7:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:7:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:7:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:7:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:7:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:7:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:7:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:7:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:8:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:8:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:8:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:8:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:8:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:8:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:8:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:8:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:8:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:8:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:8:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:9:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:9:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:9:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:9:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:9:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:9:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:9:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:9:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:9:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:9:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:9:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:10:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:10:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:10:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:10:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:10:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:10:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:10:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:10:PCW:O2	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:CA	3:A:10:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:10:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:10:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:11:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:11:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:11:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:11:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:11:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:11:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:11:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:11:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:11:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:11:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:11:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:12:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:12:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:12:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:12:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:12:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:12:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:12:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:12:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:12:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:12:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:12:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:13:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:13:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:13:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:13:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:13:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:13:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:13:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:13:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:13:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:13:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:13:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:14:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:14:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:14:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:14:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:14:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:14:PCW:N	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:CA	3:A:14:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:14:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:14:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:14:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:14:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:15:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:15:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:15:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:15:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:15:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:15:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:15:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:15:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:15:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:15:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:15:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:16:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:16:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:16:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:16:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:16:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:16:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:16:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:16:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:16:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:16:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:16:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:17:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:17:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:17:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:17:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:17:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:17:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:17:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:17:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:17:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:17:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:17:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:18:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:18:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:18:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:18:PCW:C14	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:CA	3:A:18:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:18:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:18:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:18:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:18:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:18:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:18:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:19:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:19:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:19:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:19:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:19:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:19:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:19:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:19:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:19:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:19:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:19:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:20:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:20:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:20:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:20:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:20:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:20:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:20:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:20:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:20:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:20:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:20:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:21:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:21:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:21:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:21:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:21:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:21:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:21:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:21:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:21:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:21:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:21:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:22:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:22:PCW:C12	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:CA	3:A:22:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:22:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:22:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:22:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:22:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:22:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:22:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:22:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:22:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:23:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:23:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:23:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:23:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:23:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:23:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:23:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:23:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:23:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:23:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:23:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:24:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:24:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:24:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:24:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:24:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:24:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:24:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:24:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:24:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:24:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:24:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:25:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:25:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:25:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:25:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:25:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:25:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:25:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:25:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:25:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:25:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:25:PCW:P	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:CA	3:A:26:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:26:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:26:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:26:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:26:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:26:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:26:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:26:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:26:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:26:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:26:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:27:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:27:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:27:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:27:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:27:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:27:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:27:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:27:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:27:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:27:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:27:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:28:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:28:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:28:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:28:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:28:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:28:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:28:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:28:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:28:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:28:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:28:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:29:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:29:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:29:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:29:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:29:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:29:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:29:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:29:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:29:PCW:O3	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:CA	3:A:29:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:29:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:30:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:30:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:30:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:30:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:30:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:30:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:30:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:30:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:30:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:30:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:30:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:31:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:31:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:31:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:31:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:31:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:31:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:31:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:31:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:31:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:31:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:31:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:32:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:32:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:32:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:32:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:32:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:32:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:32:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:32:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:32:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:32:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	3:A:32:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:33:17F:C7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:33:17F:C8	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:33:17F:C9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:33:17F:N1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:33:17F:O10	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:33:17F:O4	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:33:17F:O5	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:CA	4:A:33:17F:O7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:33:17F:O9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:33:17F:P1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:34:17F:C7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:34:17F:C8	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:34:17F:C9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:34:17F:N1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:34:17F:O10	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:34:17F:O4	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:34:17F:O5	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:34:17F:O7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:34:17F:O9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:34:17F:P1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:35:17F:C7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:35:17F:C8	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:35:17F:C9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:35:17F:N1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:35:17F:O10	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:35:17F:O4	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:35:17F:O5	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:35:17F:O7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:35:17F:O9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:35:17F:P1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:36:17F:C7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:36:17F:C8	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:36:17F:C9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:36:17F:N1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:36:17F:O10	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:36:17F:O4	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:36:17F:O5	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:36:17F:O7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:36:17F:O9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:36:17F:P1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:37:17F:C7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:37:17F:C8	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:37:17F:C9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:37:17F:N1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:37:17F:O10	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:37:17F:O4	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:37:17F:O5	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:37:17F:O7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:37:17F:O9	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:CA	4:A:37:17F:P1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:38:17F:C7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:38:17F:C8	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:38:17F:C9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:38:17F:N1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:38:17F:O10	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:38:17F:O4	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:38:17F:O5	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:38:17F:O7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:38:17F:O9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:38:17F:P1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:39:17F:C7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:39:17F:C8	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:39:17F:C9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:39:17F:N1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:39:17F:O10	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:39:17F:O4	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:39:17F:O5	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:39:17F:O7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:39:17F:O9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:39:17F:P1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:40:17F:C7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:40:17F:C8	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:40:17F:C9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:40:17F:N1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:40:17F:O10	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:40:17F:O4	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:40:17F:O5	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:40:17F:O7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:40:17F:O9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	4:A:40:17F:P1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	2:B:1:MET:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:CA	2:B:2:THR:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:1:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:1:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:1:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:1:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:1:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:1:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:1:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:1:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:1:PCW:O3	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:H	3:A:1:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:1:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:2:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:2:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:2:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:2:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:2:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:2:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:2:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:2:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:2:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:2:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:2:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:3:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:3:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:3:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:3:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:3:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:3:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:3:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:3:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:3:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:3:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:3:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:4:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:4:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:4:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:4:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:4:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:4:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:4:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:4:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:4:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:4:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:4:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:5:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:5:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:5:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:5:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:5:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:5:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:5:PCW:O11	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:H	3:A:5:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:5:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:5:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:5:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:6:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:6:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:6:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:6:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:6:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:6:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:6:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:6:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:6:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:6:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:6:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:7:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:7:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:7:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:7:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:7:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:7:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:7:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:7:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:7:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:7:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:7:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:8:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:8:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:8:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:8:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:8:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:8:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:8:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:8:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:8:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:8:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:8:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:9:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:9:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:9:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:9:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:9:PCW:C15	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:H	3:A:9:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:9:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:9:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:9:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:9:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:9:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:10:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:10:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:10:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:10:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:10:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:10:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:10:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:10:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:10:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:10:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:10:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:11:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:11:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:11:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:11:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:11:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:11:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:11:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:11:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:11:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:11:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:11:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:12:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:12:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:12:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:12:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:12:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:12:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:12:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:12:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:12:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:12:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:12:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:13:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:13:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:13:PCW:C13	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:H	3:A:13:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:13:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:13:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:13:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:13:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:13:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:13:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:13:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:14:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:14:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:14:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:14:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:14:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:14:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:14:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:14:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:14:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:14:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:14:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:15:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:15:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:15:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:15:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:15:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:15:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:15:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:15:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:15:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:15:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:15:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:16:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:16:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:16:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:16:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:16:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:16:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:16:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:16:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:16:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:16:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:16:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:17:PCW:C11	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:H	3:A:17:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:17:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:17:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:17:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:17:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:17:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:17:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:17:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:17:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:17:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:18:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:18:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:18:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:18:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:18:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:18:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:18:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:18:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:18:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:18:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:18:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:19:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:19:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:19:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:19:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:19:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:19:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:19:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:19:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:19:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:19:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:19:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:20:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:20:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:20:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:20:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:20:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:20:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:20:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:20:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:20:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:20:PCW:O31	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:H	3:A:20:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:21:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:21:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:21:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:21:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:21:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:21:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:21:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:21:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:21:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:21:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:21:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:22:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:22:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:22:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:22:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:22:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:22:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:22:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:22:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:22:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:22:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:22:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:23:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:23:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:23:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:23:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:23:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:23:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:23:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:23:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:23:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:23:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:23:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:24:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:24:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:24:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:24:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:24:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:24:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:24:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:24:PCW:O2	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:H	3:A:24:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:24:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:24:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:25:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:25:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:25:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:25:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:25:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:25:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:25:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:25:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:25:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:25:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:25:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:26:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:26:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:26:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:26:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:26:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:26:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:26:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:26:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:26:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:26:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:26:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:27:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:27:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:27:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:27:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:27:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:27:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:27:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:27:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:27:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:27:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:27:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:28:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:28:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:28:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:28:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:28:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:28:PCW:N	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:H	3:A:28:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:28:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:28:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:28:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:28:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:29:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:29:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:29:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:29:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:29:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:29:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:29:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:29:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:29:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:29:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:29:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:30:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:30:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:30:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:30:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:30:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:30:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:30:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:30:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:30:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:30:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:30:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:31:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:31:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:31:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:31:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:31:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:31:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:31:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:31:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:31:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:31:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:31:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:32:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:32:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:32:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:32:PCW:C14	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:H	3:A:32:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:32:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:32:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:32:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:32:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:32:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	3:A:32:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:33:17F:C7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:33:17F:C8	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:33:17F:C9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:33:17F:N1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:33:17F:O10	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:33:17F:O4	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:33:17F:O5	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:33:17F:O7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:33:17F:O9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:33:17F:P1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:34:17F:C7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:34:17F:C8	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:34:17F:C9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:34:17F:N1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:34:17F:O10	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:34:17F:O4	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:34:17F:O5	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:34:17F:O7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:34:17F:O9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:34:17F:P1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:35:17F:C7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:35:17F:C8	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:35:17F:C9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:35:17F:N1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:35:17F:O10	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:35:17F:O4	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:35:17F:O5	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:35:17F:O7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:35:17F:O9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:35:17F:P1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:36:17F:C7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:36:17F:C8	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:36:17F:C9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:36:17F:N1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:36:17F:O10	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:H	4:A:36:17F:O4	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:36:17F:O5	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:36:17F:O7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:36:17F:O9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:36:17F:P1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:37:17F:C7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:37:17F:C8	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:37:17F:C9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:37:17F:N1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:37:17F:O10	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:37:17F:O4	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:37:17F:O5	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:37:17F:O7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:37:17F:O9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:37:17F:P1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:38:17F:C7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:38:17F:C8	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:38:17F:C9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:38:17F:N1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:38:17F:O10	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:38:17F:O4	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:38:17F:O5	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:38:17F:O7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:38:17F:O9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:38:17F:P1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:39:17F:C7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:39:17F:C8	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:39:17F:C9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:39:17F:N1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:39:17F:O10	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:39:17F:O4	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:39:17F:O5	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:39:17F:O7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:39:17F:O9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:39:17F:P1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:40:17F:C7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:40:17F:C8	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:40:17F:C9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:40:17F:N1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:40:17F:O10	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:40:17F:O4	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:40:17F:O5	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:H	4:A:40:17F:O7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:40:17F:O9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	4:A:40:17F:P1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	2:B:1:MET:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:H	2:B:2:THR:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:1:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:1:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:1:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:1:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:1:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:1:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:1:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:1:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:1:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:1:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:1:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:2:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:2:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:2:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:2:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:2:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:2:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:2:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:2:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:2:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:2:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:2:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:3:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:3:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:3:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:3:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:3:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:3:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:3:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:3:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:3:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:3:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:3:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:4:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:4:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:4:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:4:PCW:C14	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:N	3:A:4:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:4:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:4:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:4:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:4:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:4:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:4:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:5:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:5:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:5:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:5:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:5:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:5:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:5:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:5:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:5:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:5:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:5:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:6:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:6:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:6:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:6:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:6:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:6:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:6:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:6:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:6:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:6:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:6:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:7:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:7:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:7:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:7:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:7:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:7:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:7:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:7:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:7:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:7:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:7:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:8:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:8:PCW:C12	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:N	3:A:8:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:8:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:8:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:8:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:8:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:8:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:8:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:8:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:8:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:9:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:9:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:9:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:9:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:9:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:9:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:9:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:9:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:9:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:9:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:9:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:10:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:10:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:10:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:10:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:10:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:10:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:10:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:10:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:10:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:10:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:10:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:11:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:11:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:11:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:11:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:11:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:11:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:11:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:11:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:11:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:11:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:11:PCW:P	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:N	3:A:12:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:12:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:12:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:12:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:12:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:12:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:12:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:12:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:12:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:12:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:12:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:13:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:13:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:13:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:13:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:13:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:13:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:13:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:13:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:13:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:13:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:13:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:14:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:14:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:14:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:14:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:14:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:14:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:14:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:14:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:14:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:14:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:14:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:15:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:15:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:15:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:15:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:15:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:15:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:15:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:15:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:15:PCW:O3	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:N	3:A:15:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:15:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:16:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:16:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:16:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:16:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:16:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:16:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:16:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:16:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:16:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:16:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:16:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:17:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:17:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:17:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:17:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:17:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:17:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:17:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:17:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:17:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:17:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:17:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:18:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:18:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:18:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:18:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:18:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:18:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:18:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:18:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:18:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:18:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:18:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:19:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:19:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:19:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:19:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:19:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:19:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:19:PCW:O11	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:N	3:A:19:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:19:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:19:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:19:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:20:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:20:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:20:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:20:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:20:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:20:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:20:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:20:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:20:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:20:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:20:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:21:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:21:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:21:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:21:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:21:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:21:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:21:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:21:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:21:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:21:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:21:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:22:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:22:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:22:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:22:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:22:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:22:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:22:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:22:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:22:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:22:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:22:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:23:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:23:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:23:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:23:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:23:PCW:C15	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:N	3:A:23:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:23:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:23:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:23:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:23:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:23:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:24:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:24:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:24:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:24:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:24:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:24:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:24:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:24:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:24:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:24:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:24:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:25:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:25:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:25:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:25:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:25:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:25:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:25:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:25:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:25:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:25:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:25:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:26:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:26:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:26:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:26:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:26:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:26:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:26:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:26:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:26:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:26:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:26:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:27:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:27:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:27:PCW:C13	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:N	3:A:27:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:27:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:27:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:27:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:27:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:27:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:27:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:27:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:28:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:28:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:28:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:28:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:28:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:28:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:28:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:28:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:28:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:28:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:28:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:29:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:29:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:29:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:29:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:29:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:29:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:29:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:29:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:29:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:29:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:29:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:30:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:30:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:30:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:30:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:30:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:30:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:30:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:30:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:30:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:30:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:30:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:31:PCW:C11	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:N	3:A:31:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:31:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:31:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:31:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:31:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:31:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:31:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:31:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:31:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:31:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:32:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:32:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:32:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:32:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:32:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:32:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:32:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:32:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:32:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:32:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	3:A:32:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:33:17F:C7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:33:17F:C8	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:33:17F:C9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:33:17F:N1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:33:17F:O10	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:33:17F:O4	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:33:17F:O5	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:33:17F:O7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:33:17F:O9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:33:17F:P1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:34:17F:C7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:34:17F:C8	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:34:17F:C9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:34:17F:N1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:34:17F:O10	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:34:17F:O4	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:34:17F:O5	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:34:17F:O7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:34:17F:O9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:34:17F:P1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:35:17F:C7	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:N	4:A:35:17F:C8	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:35:17F:C9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:35:17F:N1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:35:17F:O10	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:35:17F:O4	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:35:17F:O5	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:35:17F:O7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:35:17F:O9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:35:17F:P1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:36:17F:C7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:36:17F:C8	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:36:17F:C9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:36:17F:N1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:36:17F:O10	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:36:17F:O4	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:36:17F:O5	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:36:17F:O7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:36:17F:O9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:36:17F:P1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:37:17F:C7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:37:17F:C8	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:37:17F:C9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:37:17F:N1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:37:17F:O10	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:37:17F:O4	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:37:17F:O5	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:37:17F:O7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:37:17F:O9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:37:17F:P1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:38:17F:C7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:38:17F:C8	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:38:17F:C9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:38:17F:N1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:38:17F:O10	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:38:17F:O4	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:38:17F:O5	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:38:17F:O7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:38:17F:O9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:38:17F:P1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:39:17F:C7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:39:17F:C8	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:39:17F:C9	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:N	4:A:39:17F:N1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:39:17F:O10	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:39:17F:O4	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:39:17F:O5	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:39:17F:O7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:39:17F:O9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:39:17F:P1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:40:17F:C7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:40:17F:C8	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:40:17F:C9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:40:17F:N1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:40:17F:O10	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:40:17F:O4	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:40:17F:O5	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:40:17F:O7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:40:17F:O9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	4:A:40:17F:P1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	2:B:1:MET:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:N	2:B:2:THR:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:1:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:1:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:1:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:1:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:1:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:1:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:1:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:1:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:1:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:1:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:1:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:2:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:2:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:2:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:2:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:2:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:2:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:2:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:2:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:2:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:2:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:2:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:3:PCW:C11	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:O	3:A:3:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:3:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:3:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:3:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:3:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:3:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:3:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:3:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:3:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:3:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:4:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:4:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:4:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:4:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:4:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:4:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:4:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:4:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:4:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:4:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:4:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:5:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:5:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:5:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:5:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:5:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:5:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:5:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:5:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:5:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:5:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:5:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:6:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:6:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:6:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:6:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:6:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:6:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:6:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:6:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:6:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:6:PCW:O31	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:O	3:A:6:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:7:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:7:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:7:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:7:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:7:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:7:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:7:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:7:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:7:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:7:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:7:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:8:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:8:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:8:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:8:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:8:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:8:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:8:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:8:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:8:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:8:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:8:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:9:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:9:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:9:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:9:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:9:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:9:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:9:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:9:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:9:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:9:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:9:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:10:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:10:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:10:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:10:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:10:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:10:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:10:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:10:PCW:O2	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:O	3:A:10:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:10:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:10:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:11:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:11:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:11:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:11:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:11:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:11:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:11:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:11:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:11:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:11:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:11:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:12:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:12:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:12:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:12:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:12:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:12:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:12:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:12:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:12:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:12:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:12:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:13:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:13:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:13:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:13:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:13:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:13:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:13:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:13:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:13:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:13:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:13:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:14:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:14:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:14:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:14:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:14:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:14:PCW:N	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:O	3:A:14:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:14:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:14:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:14:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:14:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:15:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:15:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:15:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:15:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:15:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:15:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:15:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:15:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:15:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:15:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:15:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:16:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:16:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:16:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:16:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:16:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:16:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:16:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:16:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:16:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:16:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:16:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:17:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:17:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:17:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:17:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:17:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:17:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:17:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:17:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:17:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:17:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:17:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:18:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:18:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:18:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:18:PCW:C14	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:O	3:A:18:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:18:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:18:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:18:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:18:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:18:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:18:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:19:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:19:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:19:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:19:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:19:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:19:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:19:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:19:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:19:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:19:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:19:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:20:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:20:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:20:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:20:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:20:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:20:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:20:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:20:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:20:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:20:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:20:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:21:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:21:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:21:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:21:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:21:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:21:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:21:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:21:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:21:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:21:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:21:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:22:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:22:PCW:C12	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:O	3:A:22:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:22:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:22:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:22:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:22:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:22:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:22:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:22:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:22:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:23:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:23:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:23:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:23:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:23:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:23:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:23:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:23:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:23:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:23:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:23:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:24:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:24:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:24:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:24:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:24:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:24:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:24:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:24:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:24:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:24:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:24:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:25:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:25:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:25:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:25:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:25:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:25:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:25:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:25:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:25:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:25:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:25:PCW:P	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:O	3:A:26:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:26:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:26:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:26:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:26:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:26:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:26:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:26:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:26:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:26:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:26:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:27:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:27:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:27:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:27:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:27:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:27:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:27:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:27:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:27:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:27:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:27:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:28:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:28:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:28:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:28:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:28:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:28:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:28:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:28:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:28:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:28:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:28:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:29:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:29:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:29:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:29:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:29:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:29:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:29:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:29:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:29:PCW:O3	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:O	3:A:29:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:29:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:30:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:30:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:30:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:30:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:30:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:30:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:30:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:30:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:30:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:30:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:30:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:31:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:31:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:31:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:31:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:31:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:31:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:31:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:31:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:31:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:31:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:31:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:32:PCW:C11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:32:PCW:C12	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:32:PCW:C13	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:32:PCW:C14	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:32:PCW:C15	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:32:PCW:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:32:PCW:O11	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:32:PCW:O2	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:32:PCW:O3	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:32:PCW:O31	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	3:A:32:PCW:P	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:33:17F:C7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:33:17F:C8	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:33:17F:C9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:33:17F:N1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:33:17F:O10	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:33:17F:O4	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:33:17F:O5	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:O	4:A:33:17F:O7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:33:17F:O9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:33:17F:P1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:34:17F:C7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:34:17F:C8	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:34:17F:C9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:34:17F:N1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:34:17F:O10	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:34:17F:O4	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:34:17F:O5	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:34:17F:O7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:34:17F:O9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:34:17F:P1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:35:17F:C7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:35:17F:C8	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:35:17F:C9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:35:17F:N1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:35:17F:O10	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:35:17F:O4	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:35:17F:O5	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:35:17F:O7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:35:17F:O9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:35:17F:P1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:36:17F:C7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:36:17F:C8	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:36:17F:C9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:36:17F:N1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:36:17F:O10	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:36:17F:O4	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:36:17F:O5	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:36:17F:O7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:36:17F:O9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:36:17F:P1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:37:17F:C7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:37:17F:C8	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:37:17F:C9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:37:17F:N1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:37:17F:O10	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:37:17F:O4	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:37:17F:O5	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:37:17F:O7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:37:17F:O9	7	2.74	0.18	2.78

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,44)	2:B:48:GLY:O	4:A:37:17F:P1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:38:17F:C7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:38:17F:C8	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:38:17F:C9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:38:17F:N1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:38:17F:O10	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:38:17F:O4	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:38:17F:O5	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:38:17F:O7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:38:17F:O9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:38:17F:P1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:39:17F:C7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:39:17F:C8	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:39:17F:C9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:39:17F:N1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:39:17F:O10	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:39:17F:O4	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:39:17F:O5	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:39:17F:O7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:39:17F:O9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:39:17F:P1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:40:17F:C7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:40:17F:C8	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:40:17F:C9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:40:17F:N1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:40:17F:O10	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:40:17F:O4	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:40:17F:O5	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:40:17F:O7	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:40:17F:O9	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	4:A:40:17F:P1	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	2:B:1:MET:N	7	2.74	0.18	2.78
(1,44)	2:B:48:GLY:O	2:B:2:THR:N	7	2.74	0.18	2.78
(1,29)	3:A:29:PCW:C11	2:B:1:MET:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:1:MET:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:1:MET:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:1:MET:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:1:MET:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:1:MET:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:1:MET:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:1:MET:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:1:MET:SD	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:C11	2:B:2:THR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:2:THR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:2:THR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:2:THR:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:2:THR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:2:THR:HG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:2:THR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:2:THR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:2:THR:OG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:3:GLU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:3:GLU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:3:GLU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:3:GLU:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:3:GLU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:3:GLU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:3:GLU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:3:GLU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:3:GLU:OE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:3:GLU:OE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:4:TYR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:4:TYR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:4:TYR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:4:TYR:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:4:TYR:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:4:TYR:CE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:4:TYR:CE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:4:TYR:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:4:TYR:CZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:4:TYR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:4:TYR:HH	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:4:TYR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:4:TYR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:4:TYR:OH	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:47:ASP:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:47:ASP:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:47:ASP:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:47:ASP:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:47:ASP:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:47:ASP:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:47:ASP:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:47:ASP:OD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:47:ASP:OD2	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:C11	2:B:48:GLY:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:48:GLY:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:48:GLY:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:48:GLY:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:48:GLY:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:49:GLU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:49:GLU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:49:GLU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:49:GLU:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:49:GLU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:49:GLU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:49:GLU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:49:GLU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:49:GLU:OE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:49:GLU:OE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:50:THR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:50:THR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:50:THR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:50:THR:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:50:THR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:50:THR:HG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:50:THR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:50:THR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:50:THR:OG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:51:CYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:51:CYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:51:CYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:51:CYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:51:CYS:HG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:51:CYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:51:CYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:51:CYS:SG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:105:ASP:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:105:ASP:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:105:ASP:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:105:ASP:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:105:ASP:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:105:ASP:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:105:ASP:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:105:ASP:OD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:105:ASP:OD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:106:SER:C	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:C11	2:B:106:SER:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:106:SER:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:106:SER:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:106:SER:HG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:106:SER:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:106:SER:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:106:SER:OG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:107:GLU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:107:GLU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:107:GLU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:107:GLU:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:107:GLU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:107:GLU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:107:GLU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:107:GLU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:107:GLU:OE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:107:GLU:OE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:132:ASP:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:132:ASP:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:132:ASP:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:132:ASP:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:132:ASP:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:132:ASP:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:132:ASP:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:132:ASP:OD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:132:ASP:OD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:133:LEU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:133:LEU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:133:LEU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:133:LEU:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:133:LEU:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:133:LEU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:133:LEU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:133:LEU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:133:LEU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:134:ALA:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:134:ALA:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:134:ALA:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:134:ALA:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:134:ALA:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:134:ALA:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:137:TYR:C	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:C11	2:B:137:TYR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:137:TYR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:137:TYR:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:137:TYR:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:137:TYR:CE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:137:TYR:CE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:137:TYR:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:137:TYR:CZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:137:TYR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:137:TYR:HH	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:137:TYR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:137:TYR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:137:TYR:OH	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:138:GLY:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:138:GLY:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:138:GLY:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:138:GLY:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:138:GLY:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:139:ILE:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:139:ILE:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:139:ILE:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:139:ILE:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:139:ILE:CG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:139:ILE:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:139:ILE:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:139:ILE:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:139:ILE:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:140:PRO:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:140:PRO:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:140:PRO:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:140:PRO:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:140:PRO:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:140:PRO:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:140:PRO:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:141:PHE:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:141:PHE:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:141:PHE:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:141:PHE:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:141:PHE:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:141:PHE:CE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:141:PHE:CE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:141:PHE:CG	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:C11	2:B:141:PHE:CZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:141:PHE:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:141:PHE:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:141:PHE:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:142:ILE:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:142:ILE:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:142:ILE:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:142:ILE:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:142:ILE:CG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:142:ILE:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:142:ILE:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:142:ILE:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:142:ILE:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:143:GLU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:143:GLU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:143:GLU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:143:GLU:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:143:GLU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:143:GLU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:143:GLU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:143:GLU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:143:GLU:OE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:143:GLU:OE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:158:THR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:158:THR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:158:THR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:158:THR:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:158:THR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:158:THR:HG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:158:THR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:158:THR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:158:THR:OG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:159:LEU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:159:LEU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:159:LEU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:159:LEU:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:159:LEU:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:159:LEU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:159:LEU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:159:LEU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:159:LEU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:160:VAL:C	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:C11	2:B:160:VAL:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:160:VAL:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:160:VAL:CG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:160:VAL:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:160:VAL:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:160:VAL:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:160:VAL:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:170:MET:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:170:MET:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:170:MET:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:170:MET:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:170:MET:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:170:MET:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:170:MET:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:170:MET:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:170:MET:SD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:171:SER:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:171:SER:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:171:SER:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:171:SER:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:171:SER:HG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:171:SER:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:171:SER:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:171:SER:OG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:172:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:172:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:172:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:172:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:172:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:172:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:172:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:172:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:172:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:172:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:172:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:172:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:172:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:173:ASP:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:173:ASP:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:173:ASP:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:173:ASP:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:173:ASP:H	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:C11	2:B:173:ASP:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:173:ASP:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:173:ASP:OD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:173:ASP:OD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:174:GLY:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:174:GLY:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:174:GLY:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:174:GLY:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:174:GLY:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:175:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:175:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:175:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:175:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:175:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:175:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:175:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:175:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:175:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:175:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:175:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:175:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:175:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:176:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:176:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:176:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:176:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:176:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:176:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:176:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:176:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:176:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:176:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:176:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:176:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:176:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:177:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:177:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:177:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:177:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:177:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:177:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:177:LYS:H	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:C11	2:B:177:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:177:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:177:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:177:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:177:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:177:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:178:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:178:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:178:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:178:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:178:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:178:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:178:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:178:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:178:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:178:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:178:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:178:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:178:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:184:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:184:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:184:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:184:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:184:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:184:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:184:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:184:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:184:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:184:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:184:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:184:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:184:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:185:CYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:185:CYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:185:CYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:185:CYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:185:CYS:HG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:185:CYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:185:CYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C11	2:B:185:CYS:SG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:1:MET:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:1:MET:CA	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:C12	2:B:1:MET:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:1:MET:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:1:MET:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:1:MET:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:1:MET:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:1:MET:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:1:MET:SD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:2:THR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:2:THR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:2:THR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:2:THR:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:2:THR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:2:THR:HG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:2:THR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:2:THR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:2:THR:OG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:3:GLU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:3:GLU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:3:GLU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:3:GLU:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:3:GLU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:3:GLU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:3:GLU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:3:GLU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:3:GLU:OE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:3:GLU:OE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:4:TYR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:4:TYR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:4:TYR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:4:TYR:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:4:TYR:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:4:TYR:CE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:4:TYR:CE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:4:TYR:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:4:TYR:CZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:4:TYR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:4:TYR:HH	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:4:TYR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:4:TYR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:4:TYR:OH	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:47:ASP:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:47:ASP:CA	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:C12	2:B:47:ASP:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:47:ASP:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:47:ASP:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:47:ASP:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:47:ASP:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:47:ASP:OD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:47:ASP:OD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:48:GLY:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:48:GLY:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:48:GLY:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:48:GLY:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:48:GLY:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:49:GLU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:49:GLU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:49:GLU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:49:GLU:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:49:GLU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:49:GLU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:49:GLU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:49:GLU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:49:GLU:OE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:49:GLU:OE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:50:THR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:50:THR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:50:THR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:50:THR:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:50:THR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:50:THR:HG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:50:THR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:50:THR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:50:THR:OG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:51:CYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:51:CYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:51:CYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:51:CYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:51:CYS:HG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:51:CYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:51:CYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:51:CYS:SG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:105:ASP:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:105:ASP:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:105:ASP:CB	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:C12	2:B:105:ASP:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:105:ASP:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:105:ASP:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:105:ASP:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:105:ASP:OD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:105:ASP:OD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:106:SER:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:106:SER:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:106:SER:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:106:SER:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:106:SER:HG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:106:SER:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:106:SER:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:106:SER:OG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:107:GLU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:107:GLU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:107:GLU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:107:GLU:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:107:GLU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:107:GLU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:107:GLU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:107:GLU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:107:GLU:OE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:107:GLU:OE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:132:ASP:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:132:ASP:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:132:ASP:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:132:ASP:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:132:ASP:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:132:ASP:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:132:ASP:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:132:ASP:OD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:132:ASP:OD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:133:LEU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:133:LEU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:133:LEU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:133:LEU:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:133:LEU:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:133:LEU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:133:LEU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:133:LEU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:133:LEU:O	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:C12	2:B:134:ALA:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:134:ALA:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:134:ALA:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:134:ALA:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:134:ALA:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:134:ALA:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:137:TYR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:137:TYR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:137:TYR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:137:TYR:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:137:TYR:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:137:TYR:CE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:137:TYR:CE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:137:TYR:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:137:TYR:CZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:137:TYR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:137:TYR:HH	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:137:TYR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:137:TYR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:137:TYR:OH	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:138:GLY:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:138:GLY:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:138:GLY:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:138:GLY:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:138:GLY:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:139:ILE:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:139:ILE:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:139:ILE:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:139:ILE:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:139:ILE:CG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:139:ILE:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:139:ILE:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:139:ILE:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:139:ILE:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:140:PRO:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:140:PRO:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:140:PRO:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:140:PRO:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:140:PRO:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:140:PRO:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:140:PRO:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:141:PHE:C	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:C12	2:B:141:PHE:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:141:PHE:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:141:PHE:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:141:PHE:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:141:PHE:CE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:141:PHE:CE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:141:PHE:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:141:PHE:CZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:141:PHE:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:141:PHE:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:141:PHE:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:142:ILE:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:142:ILE:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:142:ILE:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:142:ILE:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:142:ILE:CG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:142:ILE:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:142:ILE:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:142:ILE:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:142:ILE:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:143:GLU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:143:GLU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:143:GLU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:143:GLU:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:143:GLU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:143:GLU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:143:GLU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:143:GLU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:143:GLU:OE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:143:GLU:OE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:158:THR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:158:THR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:158:THR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:158:THR:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:158:THR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:158:THR:HG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:158:THR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:158:THR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:158:THR:OG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:159:LEU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:159:LEU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:159:LEU:CB	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:C12	2:B:159:LEU:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:159:LEU:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:159:LEU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:159:LEU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:159:LEU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:159:LEU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:160:VAL:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:160:VAL:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:160:VAL:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:160:VAL:CG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:160:VAL:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:160:VAL:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:160:VAL:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:160:VAL:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:170:MET:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:170:MET:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:170:MET:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:170:MET:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:170:MET:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:170:MET:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:170:MET:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:170:MET:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:170:MET:SD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:171:SER:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:171:SER:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:171:SER:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:171:SER:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:171:SER:HG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:171:SER:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:171:SER:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:171:SER:OG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:172:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:172:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:172:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:172:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:172:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:172:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:172:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:172:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:172:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:172:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:172:LYS:N	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:C12	2:B:172:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:172:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:173:ASP:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:173:ASP:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:173:ASP:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:173:ASP:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:173:ASP:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:173:ASP:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:173:ASP:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:173:ASP:OD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:173:ASP:OD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:174:GLY:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:174:GLY:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:174:GLY:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:174:GLY:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:174:GLY:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:175:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:175:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:175:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:175:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:175:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:175:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:175:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:175:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:175:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:175:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:175:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:175:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:175:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:176:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:176:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:176:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:176:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:176:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:176:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:176:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:176:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:176:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:176:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:176:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:176:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:176:LYS:O	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:C12	2:B:177:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:177:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:177:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:177:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:177:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:177:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:177:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:177:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:177:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:177:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:177:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:177:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:177:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:178:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:178:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:178:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:178:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:178:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:178:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:178:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:178:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:178:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:178:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:178:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:178:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:178:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:184:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:184:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:184:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:184:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:184:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:184:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:184:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:184:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:184:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:184:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:184:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:184:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:184:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:185:CYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:185:CYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:185:CYS:CB	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:C12	2:B:185:CYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:185:CYS:HG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:185:CYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:185:CYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C12	2:B:185:CYS:SG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:1:MET:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:1:MET:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:1:MET:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:1:MET:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:1:MET:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:1:MET:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:1:MET:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:1:MET:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:1:MET:SD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:2:THR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:2:THR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:2:THR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:2:THR:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:2:THR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:2:THR:HG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:2:THR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:2:THR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:2:THR:OG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:3:GLU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:3:GLU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:3:GLU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:3:GLU:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:3:GLU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:3:GLU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:3:GLU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:3:GLU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:3:GLU:OE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:3:GLU:OE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:4:TYR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:4:TYR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:4:TYR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:4:TYR:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:4:TYR:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:4:TYR:CE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:4:TYR:CE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:4:TYR:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:4:TYR:CZ	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:C13	2:B:4:TYR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:4:TYR:HH	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:4:TYR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:4:TYR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:4:TYR:OH	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:47:ASP:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:47:ASP:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:47:ASP:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:47:ASP:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:47:ASP:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:47:ASP:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:47:ASP:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:47:ASP:OD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:47:ASP:OD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:48:GLY:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:48:GLY:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:48:GLY:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:48:GLY:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:48:GLY:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:49:GLU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:49:GLU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:49:GLU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:49:GLU:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:49:GLU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:49:GLU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:49:GLU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:49:GLU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:49:GLU:OE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:49:GLU:OE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:50:THR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:50:THR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:50:THR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:50:THR:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:50:THR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:50:THR:HG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:50:THR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:50:THR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:50:THR:OG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:51:CYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:51:CYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:51:CYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:51:CYS:H	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:C13	2:B:51:CYS:HG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:51:CYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:51:CYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:51:CYS:SG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:105:ASP:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:105:ASP:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:105:ASP:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:105:ASP:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:105:ASP:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:105:ASP:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:105:ASP:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:105:ASP:OD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:105:ASP:OD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:106:SER:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:106:SER:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:106:SER:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:106:SER:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:106:SER:HG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:106:SER:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:106:SER:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:106:SER:OG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:107:GLU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:107:GLU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:107:GLU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:107:GLU:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:107:GLU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:107:GLU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:107:GLU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:107:GLU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:107:GLU:OE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:107:GLU:OE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:132:ASP:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:132:ASP:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:132:ASP:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:132:ASP:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:132:ASP:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:132:ASP:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:132:ASP:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:132:ASP:OD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:132:ASP:OD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:133:LEU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:133:LEU:CA	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:C13	2:B:133:LEU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:133:LEU:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:133:LEU:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:133:LEU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:133:LEU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:133:LEU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:133:LEU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:134:ALA:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:134:ALA:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:134:ALA:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:134:ALA:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:134:ALA:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:134:ALA:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:137:TYR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:137:TYR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:137:TYR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:137:TYR:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:137:TYR:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:137:TYR:CE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:137:TYR:CE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:137:TYR:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:137:TYR:CZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:137:TYR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:137:TYR:HH	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:137:TYR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:137:TYR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:137:TYR:OH	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:138:GLY:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:138:GLY:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:138:GLY:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:138:GLY:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:138:GLY:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:139:ILE:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:139:ILE:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:139:ILE:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:139:ILE:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:139:ILE:CG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:139:ILE:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:139:ILE:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:139:ILE:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:139:ILE:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:140:PRO:C	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:C13	2:B:140:PRO:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:140:PRO:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:140:PRO:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:140:PRO:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:140:PRO:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:140:PRO:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:141:PHE:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:141:PHE:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:141:PHE:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:141:PHE:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:141:PHE:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:141:PHE:CE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:141:PHE:CE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:141:PHE:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:141:PHE:CZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:141:PHE:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:141:PHE:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:141:PHE:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:142:ILE:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:142:ILE:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:142:ILE:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:142:ILE:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:142:ILE:CG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:142:ILE:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:142:ILE:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:142:ILE:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:142:ILE:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:143:GLU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:143:GLU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:143:GLU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:143:GLU:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:143:GLU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:143:GLU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:143:GLU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:143:GLU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:143:GLU:OE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:143:GLU:OE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:158:THR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:158:THR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:158:THR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:158:THR:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:158:THR:H	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:C13	2:B:158:THR:HG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:158:THR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:158:THR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:158:THR:OG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:159:LEU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:159:LEU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:159:LEU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:159:LEU:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:159:LEU:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:159:LEU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:159:LEU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:159:LEU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:159:LEU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:160:VAL:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:160:VAL:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:160:VAL:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:160:VAL:CG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:160:VAL:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:160:VAL:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:160:VAL:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:160:VAL:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:170:MET:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:170:MET:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:170:MET:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:170:MET:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:170:MET:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:170:MET:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:170:MET:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:170:MET:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:170:MET:SD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:171:SER:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:171:SER:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:171:SER:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:171:SER:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:171:SER:HG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:171:SER:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:171:SER:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:171:SER:OG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:172:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:172:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:172:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:172:LYS:CD	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:C13	2:B:172:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:172:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:172:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:172:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:172:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:172:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:172:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:172:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:172:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:173:ASP:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:173:ASP:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:173:ASP:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:173:ASP:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:173:ASP:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:173:ASP:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:173:ASP:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:173:ASP:OD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:173:ASP:OD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:174:GLY:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:174:GLY:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:174:GLY:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:174:GLY:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:174:GLY:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:175:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:175:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:175:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:175:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:175:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:175:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:175:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:175:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:175:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:175:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:175:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:175:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:175:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:176:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:176:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:176:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:176:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:176:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:176:LYS:CG	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:C13	2:B:176:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:176:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:176:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:176:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:176:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:176:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:176:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:177:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:177:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:177:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:177:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:177:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:177:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:177:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:177:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:177:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:177:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:177:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:177:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:177:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:178:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:178:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:178:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:178:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:178:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:178:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:178:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:178:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:178:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:178:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:178:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:178:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:178:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:184:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:184:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:184:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:184:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:184:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:184:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:184:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:184:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:184:LYS:HZ2	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:C13	2:B:184:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:184:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:184:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:184:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:185:CYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:185:CYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:185:CYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:185:CYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:185:CYS:HG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:185:CYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:185:CYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C13	2:B:185:CYS:SG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:1:MET:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:1:MET:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:1:MET:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:1:MET:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:1:MET:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:1:MET:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:1:MET:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:1:MET:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:1:MET:SD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:2:THR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:2:THR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:2:THR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:2:THR:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:2:THR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:2:THR:HG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:2:THR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:2:THR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:2:THR:OG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:3:GLU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:3:GLU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:3:GLU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:3:GLU:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:3:GLU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:3:GLU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:3:GLU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:3:GLU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:3:GLU:OE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:3:GLU:OE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:4:TYR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:4:TYR:CA	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:C14	2:B:4:TYR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:4:TYR:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:4:TYR:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:4:TYR:CE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:4:TYR:CE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:4:TYR:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:4:TYR:CZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:4:TYR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:4:TYR:HH	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:4:TYR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:4:TYR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:4:TYR:OH	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:47:ASP:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:47:ASP:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:47:ASP:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:47:ASP:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:47:ASP:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:47:ASP:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:47:ASP:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:47:ASP:OD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:47:ASP:OD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:48:GLY:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:48:GLY:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:48:GLY:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:48:GLY:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:48:GLY:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:49:GLU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:49:GLU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:49:GLU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:49:GLU:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:49:GLU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:49:GLU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:49:GLU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:49:GLU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:49:GLU:OE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:49:GLU:OE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:50:THR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:50:THR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:50:THR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:50:THR:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:50:THR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:50:THR:HG1	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:C14	2:B:50:THR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:50:THR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:50:THR:OG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:51:CYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:51:CYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:51:CYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:51:CYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:51:CYS:HG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:51:CYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:51:CYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:51:CYS:SG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:105:ASP:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:105:ASP:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:105:ASP:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:105:ASP:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:105:ASP:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:105:ASP:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:105:ASP:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:105:ASP:OD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:105:ASP:OD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:106:SER:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:106:SER:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:106:SER:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:106:SER:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:106:SER:HG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:106:SER:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:106:SER:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:106:SER:OG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:107:GLU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:107:GLU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:107:GLU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:107:GLU:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:107:GLU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:107:GLU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:107:GLU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:107:GLU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:107:GLU:OE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:107:GLU:OE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:132:ASP:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:132:ASP:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:132:ASP:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:132:ASP:CG	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:C14	2:B:132:ASP:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:132:ASP:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:132:ASP:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:132:ASP:OD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:132:ASP:OD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:133:LEU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:133:LEU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:133:LEU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:133:LEU:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:133:LEU:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:133:LEU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:133:LEU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:133:LEU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:133:LEU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:134:ALA:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:134:ALA:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:134:ALA:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:134:ALA:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:134:ALA:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:134:ALA:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:137:TYR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:137:TYR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:137:TYR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:137:TYR:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:137:TYR:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:137:TYR:CE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:137:TYR:CE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:137:TYR:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:137:TYR:CZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:137:TYR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:137:TYR:HH	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:137:TYR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:137:TYR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:137:TYR:OH	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:138:GLY:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:138:GLY:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:138:GLY:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:138:GLY:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:138:GLY:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:139:ILE:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:139:ILE:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:139:ILE:CB	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:C14	2:B:139:ILE:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:139:ILE:CG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:139:ILE:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:139:ILE:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:139:ILE:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:139:ILE:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:140:PRO:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:140:PRO:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:140:PRO:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:140:PRO:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:140:PRO:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:140:PRO:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:140:PRO:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:141:PHE:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:141:PHE:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:141:PHE:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:141:PHE:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:141:PHE:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:141:PHE:CE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:141:PHE:CE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:141:PHE:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:141:PHE:CZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:141:PHE:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:141:PHE:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:141:PHE:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:142:ILE:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:142:ILE:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:142:ILE:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:142:ILE:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:142:ILE:CG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:142:ILE:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:142:ILE:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:142:ILE:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:142:ILE:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:143:GLU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:143:GLU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:143:GLU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:143:GLU:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:143:GLU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:143:GLU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:143:GLU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:143:GLU:O	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:C14	2:B:143:GLU:OE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:143:GLU:OE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:158:THR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:158:THR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:158:THR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:158:THR:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:158:THR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:158:THR:HG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:158:THR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:158:THR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:158:THR:OG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:159:LEU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:159:LEU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:159:LEU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:159:LEU:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:159:LEU:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:159:LEU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:159:LEU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:159:LEU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:159:LEU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:160:VAL:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:160:VAL:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:160:VAL:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:160:VAL:CG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:160:VAL:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:160:VAL:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:160:VAL:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:160:VAL:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:170:MET:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:170:MET:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:170:MET:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:170:MET:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:170:MET:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:170:MET:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:170:MET:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:170:MET:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:170:MET:SD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:171:SER:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:171:SER:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:171:SER:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:171:SER:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:171:SER:HG	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:C14	2:B:171:SER:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:171:SER:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:171:SER:OG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:172:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:172:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:172:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:172:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:172:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:172:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:172:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:172:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:172:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:172:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:172:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:172:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:172:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:173:ASP:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:173:ASP:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:173:ASP:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:173:ASP:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:173:ASP:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:173:ASP:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:173:ASP:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:173:ASP:OD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:173:ASP:OD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:174:GLY:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:174:GLY:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:174:GLY:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:174:GLY:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:174:GLY:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:175:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:175:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:175:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:175:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:175:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:175:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:175:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:175:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:175:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:175:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:175:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:175:LYS:NZ	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:C14	2:B:175:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:176:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:176:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:176:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:176:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:176:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:176:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:176:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:176:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:176:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:176:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:176:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:176:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:176:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:177:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:177:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:177:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:177:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:177:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:177:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:177:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:177:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:177:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:177:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:177:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:177:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:177:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:178:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:178:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:178:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:178:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:178:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:178:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:178:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:178:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:178:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:178:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:178:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:178:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:178:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:184:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:184:LYS:CA	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:C14	2:B:184:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:184:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:184:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:184:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:184:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:184:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:184:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:184:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:184:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:184:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:184:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:185:CYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:185:CYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:185:CYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:185:CYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:185:CYS:HG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:185:CYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:185:CYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C14	2:B:185:CYS:SG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:1:MET:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:1:MET:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:1:MET:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:1:MET:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:1:MET:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:1:MET:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:1:MET:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:1:MET:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:1:MET:SD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:2:THR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:2:THR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:2:THR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:2:THR:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:2:THR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:2:THR:HG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:2:THR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:2:THR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:2:THR:OG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:3:GLU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:3:GLU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:3:GLU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:3:GLU:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:3:GLU:CG	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:C15	2:B:3:GLU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:3:GLU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:3:GLU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:3:GLU:OE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:3:GLU:OE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:4:TYR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:4:TYR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:4:TYR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:4:TYR:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:4:TYR:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:4:TYR:CE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:4:TYR:CE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:4:TYR:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:4:TYR:CZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:4:TYR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:4:TYR:HH	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:4:TYR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:4:TYR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:4:TYR:OH	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:47:ASP:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:47:ASP:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:47:ASP:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:47:ASP:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:47:ASP:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:47:ASP:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:47:ASP:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:47:ASP:OD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:47:ASP:OD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:48:GLY:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:48:GLY:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:48:GLY:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:48:GLY:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:48:GLY:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:49:GLU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:49:GLU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:49:GLU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:49:GLU:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:49:GLU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:49:GLU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:49:GLU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:49:GLU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:49:GLU:OE1	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:C15	2:B:49:GLU:OE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:50:THR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:50:THR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:50:THR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:50:THR:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:50:THR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:50:THR:HG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:50:THR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:50:THR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:50:THR:OG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:51:CYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:51:CYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:51:CYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:51:CYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:51:CYS:HG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:51:CYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:51:CYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:51:CYS:SG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:105:ASP:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:105:ASP:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:105:ASP:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:105:ASP:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:105:ASP:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:105:ASP:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:105:ASP:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:105:ASP:OD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:105:ASP:OD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:106:SER:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:106:SER:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:106:SER:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:106:SER:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:106:SER:HG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:106:SER:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:106:SER:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:106:SER:OG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:107:GLU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:107:GLU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:107:GLU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:107:GLU:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:107:GLU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:107:GLU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:107:GLU:N	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:C15	2:B:107:GLU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:107:GLU:OE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:107:GLU:OE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:132:ASP:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:132:ASP:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:132:ASP:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:132:ASP:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:132:ASP:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:132:ASP:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:132:ASP:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:132:ASP:OD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:132:ASP:OD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:133:LEU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:133:LEU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:133:LEU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:133:LEU:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:133:LEU:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:133:LEU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:133:LEU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:133:LEU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:133:LEU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:134:ALA:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:134:ALA:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:134:ALA:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:134:ALA:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:134:ALA:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:134:ALA:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:137:TYR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:137:TYR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:137:TYR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:137:TYR:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:137:TYR:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:137:TYR:CE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:137:TYR:CE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:137:TYR:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:137:TYR:CZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:137:TYR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:137:TYR:HH	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:137:TYR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:137:TYR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:137:TYR:OH	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:138:GLY:C	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:C15	2:B:138:GLY:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:138:GLY:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:138:GLY:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:138:GLY:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:139:ILE:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:139:ILE:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:139:ILE:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:139:ILE:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:139:ILE:CG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:139:ILE:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:139:ILE:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:139:ILE:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:139:ILE:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:140:PRO:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:140:PRO:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:140:PRO:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:140:PRO:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:140:PRO:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:140:PRO:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:140:PRO:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:141:PHE:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:141:PHE:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:141:PHE:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:141:PHE:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:141:PHE:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:141:PHE:CE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:141:PHE:CE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:141:PHE:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:141:PHE:CZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:141:PHE:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:141:PHE:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:141:PHE:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:142:ILE:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:142:ILE:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:142:ILE:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:142:ILE:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:142:ILE:CG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:142:ILE:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:142:ILE:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:142:ILE:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:142:ILE:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:143:GLU:C	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:C15	2:B:143:GLU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:143:GLU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:143:GLU:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:143:GLU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:143:GLU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:143:GLU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:143:GLU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:143:GLU:OE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:143:GLU:OE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:158:THR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:158:THR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:158:THR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:158:THR:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:158:THR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:158:THR:HG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:158:THR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:158:THR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:158:THR:OG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:159:LEU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:159:LEU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:159:LEU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:159:LEU:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:159:LEU:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:159:LEU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:159:LEU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:159:LEU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:159:LEU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:160:VAL:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:160:VAL:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:160:VAL:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:160:VAL:CG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:160:VAL:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:160:VAL:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:160:VAL:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:160:VAL:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:170:MET:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:170:MET:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:170:MET:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:170:MET:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:170:MET:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:170:MET:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:170:MET:N	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:C15	2:B:170:MET:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:170:MET:SD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:171:SER:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:171:SER:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:171:SER:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:171:SER:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:171:SER:HG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:171:SER:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:171:SER:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:171:SER:OG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:172:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:172:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:172:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:172:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:172:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:172:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:172:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:172:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:172:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:172:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:172:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:172:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:172:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:173:ASP:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:173:ASP:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:173:ASP:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:173:ASP:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:173:ASP:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:173:ASP:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:173:ASP:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:173:ASP:OD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:173:ASP:OD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:174:GLY:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:174:GLY:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:174:GLY:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:174:GLY:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:174:GLY:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:175:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:175:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:175:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:175:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:175:LYS:CE	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:C15	2:B:175:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:175:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:175:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:175:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:175:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:175:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:175:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:175:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:176:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:176:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:176:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:176:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:176:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:176:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:176:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:176:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:176:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:176:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:176:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:176:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:176:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:177:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:177:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:177:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:177:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:177:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:177:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:177:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:177:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:177:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:177:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:177:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:177:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:177:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:178:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:178:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:178:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:178:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:178:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:178:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:178:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:178:LYS:HZ1	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:C15	2:B:178:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:178:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:178:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:178:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:178:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:184:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:184:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:184:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:184:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:184:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:184:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:184:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:184:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:184:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:184:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:184:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:184:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:184:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:185:CYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:185:CYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:185:CYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:185:CYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:185:CYS:HG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:185:CYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:185:CYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:C15	2:B:185:CYS:SG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:1:MET:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:1:MET:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:1:MET:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:1:MET:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:1:MET:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:1:MET:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:1:MET:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:1:MET:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:1:MET:SD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:2:THR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:2:THR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:2:THR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:2:THR:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:2:THR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:2:THR:HG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:2:THR:N	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:N	2:B:2:THR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:2:THR:OG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:3:GLU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:3:GLU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:3:GLU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:3:GLU:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:3:GLU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:3:GLU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:3:GLU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:3:GLU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:3:GLU:OE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:3:GLU:OE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:4:TYR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:4:TYR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:4:TYR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:4:TYR:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:4:TYR:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:4:TYR:CE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:4:TYR:CE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:4:TYR:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:4:TYR:CZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:4:TYR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:4:TYR:HH	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:4:TYR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:4:TYR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:4:TYR:OH	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:47:ASP:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:47:ASP:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:47:ASP:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:47:ASP:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:47:ASP:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:47:ASP:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:47:ASP:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:47:ASP:OD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:47:ASP:OD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:48:GLY:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:48:GLY:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:48:GLY:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:48:GLY:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:48:GLY:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:49:GLU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:49:GLU:CA	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:N	2:B:49:GLU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:49:GLU:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:49:GLU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:49:GLU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:49:GLU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:49:GLU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:49:GLU:OE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:49:GLU:OE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:50:THR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:50:THR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:50:THR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:50:THR:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:50:THR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:50:THR:HG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:50:THR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:50:THR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:50:THR:OG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:51:CYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:51:CYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:51:CYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:51:CYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:51:CYS:HG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:51:CYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:51:CYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:51:CYS:SG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:105:ASP:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:105:ASP:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:105:ASP:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:105:ASP:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:105:ASP:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:105:ASP:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:105:ASP:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:105:ASP:OD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:105:ASP:OD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:106:SER:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:106:SER:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:106:SER:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:106:SER:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:106:SER:HG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:106:SER:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:106:SER:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:106:SER:OG	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:N	2:B:107:GLU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:107:GLU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:107:GLU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:107:GLU:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:107:GLU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:107:GLU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:107:GLU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:107:GLU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:107:GLU:OE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:107:GLU:OE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:132:ASP:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:132:ASP:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:132:ASP:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:132:ASP:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:132:ASP:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:132:ASP:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:132:ASP:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:132:ASP:OD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:132:ASP:OD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:133:LEU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:133:LEU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:133:LEU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:133:LEU:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:133:LEU:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:133:LEU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:133:LEU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:133:LEU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:133:LEU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:134:ALA:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:134:ALA:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:134:ALA:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:134:ALA:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:134:ALA:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:134:ALA:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:137:TYR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:137:TYR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:137:TYR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:137:TYR:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:137:TYR:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:137:TYR:CE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:137:TYR:CE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:137:TYR:CG	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:N	2:B:137:TYR:CZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:137:TYR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:137:TYR:HH	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:137:TYR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:137:TYR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:137:TYR:OH	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:138:GLY:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:138:GLY:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:138:GLY:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:138:GLY:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:138:GLY:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:139:ILE:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:139:ILE:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:139:ILE:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:139:ILE:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:139:ILE:CG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:139:ILE:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:139:ILE:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:139:ILE:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:139:ILE:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:140:PRO:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:140:PRO:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:140:PRO:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:140:PRO:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:140:PRO:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:140:PRO:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:140:PRO:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:141:PHE:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:141:PHE:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:141:PHE:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:141:PHE:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:141:PHE:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:141:PHE:CE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:141:PHE:CE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:141:PHE:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:141:PHE:CZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:141:PHE:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:141:PHE:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:141:PHE:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:142:ILE:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:142:ILE:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:142:ILE:CB	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:N	2:B:142:ILE:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:142:ILE:CG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:142:ILE:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:142:ILE:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:142:ILE:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:142:ILE:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:143:GLU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:143:GLU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:143:GLU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:143:GLU:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:143:GLU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:143:GLU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:143:GLU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:143:GLU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:143:GLU:OE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:143:GLU:OE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:158:THR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:158:THR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:158:THR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:158:THR:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:158:THR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:158:THR:HG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:158:THR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:158:THR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:158:THR:OG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:159:LEU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:159:LEU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:159:LEU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:159:LEU:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:159:LEU:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:159:LEU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:159:LEU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:159:LEU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:159:LEU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:160:VAL:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:160:VAL:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:160:VAL:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:160:VAL:CG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:160:VAL:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:160:VAL:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:160:VAL:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:160:VAL:O	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:N	2:B:170:MET:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:170:MET:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:170:MET:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:170:MET:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:170:MET:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:170:MET:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:170:MET:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:170:MET:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:170:MET:SD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:171:SER:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:171:SER:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:171:SER:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:171:SER:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:171:SER:HG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:171:SER:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:171:SER:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:171:SER:OG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:172:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:172:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:172:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:172:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:172:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:172:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:172:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:172:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:172:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:172:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:172:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:172:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:172:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:173:ASP:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:173:ASP:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:173:ASP:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:173:ASP:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:173:ASP:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:173:ASP:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:173:ASP:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:173:ASP:OD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:173:ASP:OD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:174:GLY:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:174:GLY:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:174:GLY:H	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:N	2:B:174:GLY:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:174:GLY:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:175:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:175:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:175:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:175:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:175:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:175:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:175:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:175:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:175:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:175:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:175:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:175:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:175:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:176:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:176:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:176:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:176:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:176:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:176:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:176:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:176:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:176:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:176:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:176:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:176:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:176:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:177:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:177:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:177:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:177:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:177:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:177:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:177:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:177:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:177:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:177:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:177:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:177:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:177:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:178:LYS:C	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:N	2:B:178:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:178:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:178:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:178:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:178:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:178:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:178:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:178:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:178:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:178:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:178:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:178:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:184:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:184:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:184:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:184:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:184:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:184:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:184:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:184:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:184:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:184:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:184:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:184:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:184:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:185:CYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:185:CYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:185:CYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:185:CYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:185:CYS:HG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:185:CYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:185:CYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:N	2:B:185:CYS:SG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:1:MET:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:1:MET:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:1:MET:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:1:MET:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:1:MET:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:1:MET:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:1:MET:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:1:MET:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:1:MET:SD	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:O11	2:B:2:THR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:2:THR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:2:THR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:2:THR:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:2:THR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:2:THR:HG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:2:THR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:2:THR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:2:THR:OG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:3:GLU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:3:GLU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:3:GLU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:3:GLU:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:3:GLU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:3:GLU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:3:GLU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:3:GLU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:3:GLU:OE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:3:GLU:OE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:4:TYR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:4:TYR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:4:TYR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:4:TYR:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:4:TYR:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:4:TYR:CE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:4:TYR:CE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:4:TYR:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:4:TYR:CZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:4:TYR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:4:TYR:HH	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:4:TYR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:4:TYR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:4:TYR:OH	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:47:ASP:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:47:ASP:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:47:ASP:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:47:ASP:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:47:ASP:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:47:ASP:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:47:ASP:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:47:ASP:OD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:47:ASP:OD2	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:O11	2:B:48:GLY:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:48:GLY:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:48:GLY:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:48:GLY:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:48:GLY:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:49:GLU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:49:GLU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:49:GLU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:49:GLU:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:49:GLU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:49:GLU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:49:GLU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:49:GLU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:49:GLU:OE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:49:GLU:OE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:50:THR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:50:THR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:50:THR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:50:THR:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:50:THR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:50:THR:HG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:50:THR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:50:THR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:50:THR:OG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:51:CYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:51:CYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:51:CYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:51:CYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:51:CYS:HG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:51:CYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:51:CYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:51:CYS:SG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:105:ASP:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:105:ASP:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:105:ASP:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:105:ASP:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:105:ASP:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:105:ASP:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:105:ASP:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:105:ASP:OD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:105:ASP:OD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:106:SER:C	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:O11	2:B:106:SER:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:106:SER:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:106:SER:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:106:SER:HG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:106:SER:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:106:SER:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:106:SER:OG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:107:GLU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:107:GLU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:107:GLU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:107:GLU:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:107:GLU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:107:GLU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:107:GLU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:107:GLU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:107:GLU:OE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:107:GLU:OE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:132:ASP:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:132:ASP:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:132:ASP:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:132:ASP:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:132:ASP:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:132:ASP:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:132:ASP:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:132:ASP:OD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:132:ASP:OD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:133:LEU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:133:LEU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:133:LEU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:133:LEU:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:133:LEU:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:133:LEU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:133:LEU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:133:LEU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:133:LEU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:134:ALA:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:134:ALA:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:134:ALA:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:134:ALA:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:134:ALA:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:134:ALA:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:137:TYR:C	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:O11	2:B:137:TYR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:137:TYR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:137:TYR:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:137:TYR:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:137:TYR:CE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:137:TYR:CE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:137:TYR:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:137:TYR:CZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:137:TYR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:137:TYR:HH	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:137:TYR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:137:TYR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:137:TYR:OH	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:138:GLY:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:138:GLY:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:138:GLY:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:138:GLY:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:138:GLY:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:139:ILE:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:139:ILE:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:139:ILE:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:139:ILE:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:139:ILE:CG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:139:ILE:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:139:ILE:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:139:ILE:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:139:ILE:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:140:PRO:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:140:PRO:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:140:PRO:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:140:PRO:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:140:PRO:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:140:PRO:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:140:PRO:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:141:PHE:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:141:PHE:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:141:PHE:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:141:PHE:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:141:PHE:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:141:PHE:CE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:141:PHE:CE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:141:PHE:CG	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:O11	2:B:141:PHE:CZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:141:PHE:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:141:PHE:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:141:PHE:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:142:ILE:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:142:ILE:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:142:ILE:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:142:ILE:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:142:ILE:CG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:142:ILE:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:142:ILE:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:142:ILE:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:142:ILE:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:143:GLU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:143:GLU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:143:GLU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:143:GLU:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:143:GLU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:143:GLU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:143:GLU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:143:GLU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:143:GLU:OE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:143:GLU:OE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:158:THR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:158:THR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:158:THR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:158:THR:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:158:THR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:158:THR:HG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:158:THR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:158:THR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:158:THR:OG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:159:LEU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:159:LEU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:159:LEU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:159:LEU:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:159:LEU:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:159:LEU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:159:LEU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:159:LEU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:159:LEU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:160:VAL:C	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:O11	2:B:160:VAL:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:160:VAL:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:160:VAL:CG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:160:VAL:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:160:VAL:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:160:VAL:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:160:VAL:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:170:MET:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:170:MET:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:170:MET:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:170:MET:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:170:MET:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:170:MET:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:170:MET:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:170:MET:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:170:MET:SD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:171:SER:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:171:SER:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:171:SER:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:171:SER:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:171:SER:HG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:171:SER:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:171:SER:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:171:SER:OG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:172:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:172:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:172:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:172:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:172:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:172:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:172:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:172:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:172:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:172:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:172:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:172:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:172:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:173:ASP:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:173:ASP:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:173:ASP:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:173:ASP:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:173:ASP:H	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:O11	2:B:173:ASP:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:173:ASP:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:173:ASP:OD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:173:ASP:OD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:174:GLY:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:174:GLY:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:174:GLY:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:174:GLY:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:174:GLY:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:175:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:175:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:175:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:175:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:175:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:175:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:175:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:175:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:175:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:175:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:175:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:175:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:175:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:176:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:176:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:176:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:176:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:176:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:176:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:176:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:176:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:176:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:176:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:176:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:176:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:176:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:177:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:177:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:177:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:177:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:177:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:177:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:177:LYS:H	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:O11	2:B:177:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:177:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:177:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:177:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:177:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:177:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:178:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:178:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:178:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:178:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:178:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:178:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:178:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:178:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:178:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:178:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:178:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:178:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:178:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:184:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:184:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:184:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:184:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:184:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:184:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:184:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:184:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:184:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:184:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:184:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:184:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:184:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:185:CYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:185:CYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:185:CYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:185:CYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:185:CYS:HG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:185:CYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:185:CYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O11	2:B:185:CYS:SG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:1:MET:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:1:MET:CA	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:O2	2:B:1:MET:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:1:MET:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:1:MET:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:1:MET:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:1:MET:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:1:MET:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:1:MET:SD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:2:THR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:2:THR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:2:THR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:2:THR:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:2:THR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:2:THR:HG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:2:THR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:2:THR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:2:THR:OG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:3:GLU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:3:GLU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:3:GLU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:3:GLU:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:3:GLU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:3:GLU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:3:GLU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:3:GLU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:3:GLU:OE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:3:GLU:OE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:4:TYR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:4:TYR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:4:TYR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:4:TYR:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:4:TYR:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:4:TYR:CE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:4:TYR:CE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:4:TYR:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:4:TYR:CZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:4:TYR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:4:TYR:HH	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:4:TYR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:4:TYR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:4:TYR:OH	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:47:ASP:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:47:ASP:CA	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:O2	2:B:47:ASP:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:47:ASP:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:47:ASP:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:47:ASP:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:47:ASP:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:47:ASP:OD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:47:ASP:OD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:48:GLY:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:48:GLY:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:48:GLY:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:48:GLY:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:48:GLY:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:49:GLU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:49:GLU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:49:GLU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:49:GLU:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:49:GLU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:49:GLU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:49:GLU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:49:GLU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:49:GLU:OE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:49:GLU:OE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:50:THR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:50:THR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:50:THR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:50:THR:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:50:THR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:50:THR:HG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:50:THR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:50:THR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:50:THR:OG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:51:CYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:51:CYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:51:CYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:51:CYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:51:CYS:HG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:51:CYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:51:CYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:51:CYS:SG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:105:ASP:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:105:ASP:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:105:ASP:CB	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:O2	2:B:105:ASP:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:105:ASP:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:105:ASP:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:105:ASP:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:105:ASP:OD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:105:ASP:OD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:106:SER:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:106:SER:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:106:SER:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:106:SER:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:106:SER:HG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:106:SER:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:106:SER:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:106:SER:OG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:107:GLU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:107:GLU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:107:GLU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:107:GLU:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:107:GLU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:107:GLU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:107:GLU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:107:GLU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:107:GLU:OE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:107:GLU:OE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:132:ASP:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:132:ASP:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:132:ASP:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:132:ASP:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:132:ASP:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:132:ASP:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:132:ASP:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:132:ASP:OD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:132:ASP:OD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:133:LEU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:133:LEU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:133:LEU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:133:LEU:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:133:LEU:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:133:LEU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:133:LEU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:133:LEU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:133:LEU:O	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:O2	2:B:134:ALA:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:134:ALA:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:134:ALA:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:134:ALA:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:134:ALA:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:134:ALA:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:137:TYR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:137:TYR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:137:TYR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:137:TYR:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:137:TYR:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:137:TYR:CE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:137:TYR:CE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:137:TYR:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:137:TYR:CZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:137:TYR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:137:TYR:HH	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:137:TYR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:137:TYR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:137:TYR:OH	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:138:GLY:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:138:GLY:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:138:GLY:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:138:GLY:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:138:GLY:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:139:ILE:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:139:ILE:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:139:ILE:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:139:ILE:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:139:ILE:CG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:139:ILE:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:139:ILE:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:139:ILE:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:139:ILE:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:140:PRO:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:140:PRO:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:140:PRO:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:140:PRO:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:140:PRO:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:140:PRO:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:140:PRO:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:141:PHE:C	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:O2	2:B:141:PHE:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:141:PHE:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:141:PHE:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:141:PHE:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:141:PHE:CE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:141:PHE:CE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:141:PHE:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:141:PHE:CZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:141:PHE:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:141:PHE:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:141:PHE:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:142:ILE:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:142:ILE:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:142:ILE:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:142:ILE:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:142:ILE:CG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:142:ILE:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:142:ILE:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:142:ILE:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:142:ILE:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:143:GLU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:143:GLU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:143:GLU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:143:GLU:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:143:GLU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:143:GLU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:143:GLU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:143:GLU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:143:GLU:OE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:143:GLU:OE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:158:THR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:158:THR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:158:THR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:158:THR:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:158:THR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:158:THR:HG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:158:THR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:158:THR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:158:THR:OG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:159:LEU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:159:LEU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:159:LEU:CB	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:O2	2:B:159:LEU:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:159:LEU:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:159:LEU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:159:LEU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:159:LEU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:159:LEU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:160:VAL:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:160:VAL:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:160:VAL:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:160:VAL:CG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:160:VAL:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:160:VAL:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:160:VAL:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:160:VAL:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:170:MET:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:170:MET:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:170:MET:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:170:MET:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:170:MET:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:170:MET:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:170:MET:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:170:MET:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:170:MET:SD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:171:SER:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:171:SER:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:171:SER:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:171:SER:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:171:SER:HG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:171:SER:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:171:SER:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:171:SER:OG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:172:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:172:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:172:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:172:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:172:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:172:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:172:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:172:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:172:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:172:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:172:LYS:N	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:O2	2:B:172:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:172:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:173:ASP:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:173:ASP:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:173:ASP:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:173:ASP:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:173:ASP:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:173:ASP:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:173:ASP:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:173:ASP:OD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:173:ASP:OD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:174:GLY:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:174:GLY:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:174:GLY:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:174:GLY:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:174:GLY:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:175:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:175:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:175:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:175:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:175:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:175:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:175:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:175:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:175:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:175:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:175:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:175:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:175:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:176:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:176:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:176:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:176:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:176:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:176:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:176:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:176:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:176:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:176:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:176:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:176:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:176:LYS:O	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:O2	2:B:177:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:177:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:177:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:177:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:177:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:177:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:177:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:177:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:177:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:177:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:177:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:177:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:177:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:178:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:178:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:178:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:178:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:178:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:178:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:178:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:178:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:178:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:178:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:178:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:178:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:178:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:184:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:184:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:184:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:184:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:184:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:184:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:184:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:184:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:184:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:184:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:184:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:184:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:184:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:185:CYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:185:CYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:185:CYS:CB	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:O2	2:B:185:CYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:185:CYS:HG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:185:CYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:185:CYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O2	2:B:185:CYS:SG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:1:MET:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:1:MET:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:1:MET:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:1:MET:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:1:MET:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:1:MET:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:1:MET:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:1:MET:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:1:MET:SD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:2:THR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:2:THR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:2:THR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:2:THR:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:2:THR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:2:THR:HG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:2:THR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:2:THR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:2:THR:OG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:3:GLU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:3:GLU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:3:GLU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:3:GLU:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:3:GLU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:3:GLU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:3:GLU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:3:GLU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:3:GLU:OE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:3:GLU:OE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:4:TYR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:4:TYR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:4:TYR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:4:TYR:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:4:TYR:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:4:TYR:CE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:4:TYR:CE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:4:TYR:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:4:TYR:CZ	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:O3	2:B:4:TYR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:4:TYR:HH	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:4:TYR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:4:TYR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:4:TYR:OH	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:47:ASP:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:47:ASP:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:47:ASP:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:47:ASP:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:47:ASP:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:47:ASP:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:47:ASP:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:47:ASP:OD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:47:ASP:OD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:48:GLY:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:48:GLY:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:48:GLY:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:48:GLY:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:48:GLY:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:49:GLU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:49:GLU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:49:GLU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:49:GLU:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:49:GLU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:49:GLU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:49:GLU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:49:GLU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:49:GLU:OE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:49:GLU:OE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:50:THR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:50:THR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:50:THR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:50:THR:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:50:THR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:50:THR:HG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:50:THR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:50:THR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:50:THR:OG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:51:CYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:51:CYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:51:CYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:51:CYS:H	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:O3	2:B:51:CYS:HG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:51:CYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:51:CYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:51:CYS:SG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:105:ASP:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:105:ASP:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:105:ASP:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:105:ASP:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:105:ASP:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:105:ASP:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:105:ASP:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:105:ASP:OD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:105:ASP:OD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:106:SER:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:106:SER:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:106:SER:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:106:SER:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:106:SER:HG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:106:SER:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:106:SER:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:106:SER:OG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:107:GLU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:107:GLU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:107:GLU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:107:GLU:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:107:GLU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:107:GLU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:107:GLU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:107:GLU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:107:GLU:OE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:107:GLU:OE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:132:ASP:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:132:ASP:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:132:ASP:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:132:ASP:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:132:ASP:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:132:ASP:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:132:ASP:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:132:ASP:OD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:132:ASP:OD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:133:LEU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:133:LEU:CA	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:O3	2:B:133:LEU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:133:LEU:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:133:LEU:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:133:LEU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:133:LEU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:133:LEU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:133:LEU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:134:ALA:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:134:ALA:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:134:ALA:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:134:ALA:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:134:ALA:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:134:ALA:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:137:TYR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:137:TYR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:137:TYR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:137:TYR:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:137:TYR:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:137:TYR:CE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:137:TYR:CE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:137:TYR:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:137:TYR:CZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:137:TYR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:137:TYR:HH	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:137:TYR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:137:TYR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:137:TYR:OH	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:138:GLY:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:138:GLY:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:138:GLY:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:138:GLY:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:138:GLY:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:139:ILE:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:139:ILE:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:139:ILE:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:139:ILE:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:139:ILE:CG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:139:ILE:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:139:ILE:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:139:ILE:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:139:ILE:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:140:PRO:C	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:O3	2:B:140:PRO:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:140:PRO:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:140:PRO:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:140:PRO:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:140:PRO:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:140:PRO:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:141:PHE:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:141:PHE:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:141:PHE:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:141:PHE:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:141:PHE:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:141:PHE:CE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:141:PHE:CE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:141:PHE:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:141:PHE:CZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:141:PHE:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:141:PHE:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:141:PHE:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:142:ILE:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:142:ILE:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:142:ILE:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:142:ILE:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:142:ILE:CG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:142:ILE:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:142:ILE:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:142:ILE:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:142:ILE:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:143:GLU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:143:GLU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:143:GLU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:143:GLU:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:143:GLU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:143:GLU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:143:GLU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:143:GLU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:143:GLU:OE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:143:GLU:OE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:158:THR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:158:THR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:158:THR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:158:THR:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:158:THR:H	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:O3	2:B:158:THR:HG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:158:THR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:158:THR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:158:THR:OG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:159:LEU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:159:LEU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:159:LEU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:159:LEU:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:159:LEU:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:159:LEU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:159:LEU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:159:LEU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:159:LEU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:160:VAL:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:160:VAL:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:160:VAL:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:160:VAL:CG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:160:VAL:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:160:VAL:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:160:VAL:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:160:VAL:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:170:MET:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:170:MET:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:170:MET:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:170:MET:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:170:MET:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:170:MET:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:170:MET:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:170:MET:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:170:MET:SD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:171:SER:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:171:SER:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:171:SER:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:171:SER:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:171:SER:HG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:171:SER:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:171:SER:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:171:SER:OG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:172:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:172:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:172:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:172:LYS:CD	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:O3	2:B:172:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:172:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:172:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:172:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:172:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:172:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:172:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:172:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:172:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:173:ASP:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:173:ASP:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:173:ASP:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:173:ASP:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:173:ASP:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:173:ASP:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:173:ASP:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:173:ASP:OD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:173:ASP:OD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:174:GLY:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:174:GLY:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:174:GLY:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:174:GLY:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:174:GLY:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:175:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:175:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:175:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:175:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:175:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:175:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:175:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:175:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:175:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:175:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:175:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:175:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:175:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:176:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:176:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:176:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:176:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:176:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:176:LYS:CG	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:O3	2:B:176:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:176:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:176:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:176:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:176:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:176:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:176:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:177:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:177:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:177:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:177:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:177:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:177:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:177:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:177:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:177:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:177:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:177:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:177:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:177:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:178:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:178:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:178:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:178:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:178:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:178:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:178:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:178:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:178:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:178:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:178:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:178:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:178:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:184:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:184:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:184:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:184:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:184:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:184:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:184:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:184:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:184:LYS:HZ2	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:O3	2:B:184:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:184:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:184:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:184:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:185:CYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:185:CYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:185:CYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:185:CYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:185:CYS:HG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:185:CYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:185:CYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O3	2:B:185:CYS:SG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:1:MET:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:1:MET:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:1:MET:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:1:MET:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:1:MET:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:1:MET:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:1:MET:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:1:MET:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:1:MET:SD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:2:THR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:2:THR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:2:THR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:2:THR:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:2:THR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:2:THR:HG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:2:THR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:2:THR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:2:THR:OG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:3:GLU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:3:GLU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:3:GLU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:3:GLU:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:3:GLU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:3:GLU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:3:GLU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:3:GLU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:3:GLU:OE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:3:GLU:OE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:4:TYR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:4:TYR:CA	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:O31	2:B:4:TYR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:4:TYR:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:4:TYR:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:4:TYR:CE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:4:TYR:CE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:4:TYR:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:4:TYR:CZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:4:TYR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:4:TYR:HH	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:4:TYR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:4:TYR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:4:TYR:OH	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:47:ASP:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:47:ASP:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:47:ASP:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:47:ASP:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:47:ASP:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:47:ASP:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:47:ASP:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:47:ASP:OD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:47:ASP:OD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:48:GLY:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:48:GLY:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:48:GLY:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:48:GLY:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:48:GLY:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:49:GLU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:49:GLU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:49:GLU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:49:GLU:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:49:GLU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:49:GLU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:49:GLU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:49:GLU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:49:GLU:OE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:49:GLU:OE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:50:THR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:50:THR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:50:THR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:50:THR:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:50:THR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:50:THR:HG1	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:O31	2:B:50:THR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:50:THR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:50:THR:OG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:51:CYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:51:CYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:51:CYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:51:CYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:51:CYS:HG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:51:CYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:51:CYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:51:CYS:SG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:105:ASP:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:105:ASP:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:105:ASP:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:105:ASP:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:105:ASP:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:105:ASP:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:105:ASP:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:105:ASP:OD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:105:ASP:OD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:106:SER:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:106:SER:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:106:SER:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:106:SER:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:106:SER:HG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:106:SER:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:106:SER:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:106:SER:OG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:107:GLU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:107:GLU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:107:GLU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:107:GLU:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:107:GLU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:107:GLU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:107:GLU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:107:GLU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:107:GLU:OE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:107:GLU:OE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:132:ASP:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:132:ASP:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:132:ASP:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:132:ASP:CG	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:O31	2:B:132:ASP:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:132:ASP:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:132:ASP:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:132:ASP:OD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:132:ASP:OD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:133:LEU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:133:LEU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:133:LEU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:133:LEU:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:133:LEU:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:133:LEU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:133:LEU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:133:LEU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:133:LEU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:134:ALA:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:134:ALA:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:134:ALA:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:134:ALA:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:134:ALA:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:134:ALA:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:137:TYR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:137:TYR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:137:TYR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:137:TYR:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:137:TYR:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:137:TYR:CE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:137:TYR:CE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:137:TYR:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:137:TYR:CZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:137:TYR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:137:TYR:HH	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:137:TYR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:137:TYR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:137:TYR:OH	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:138:GLY:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:138:GLY:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:138:GLY:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:138:GLY:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:138:GLY:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:139:ILE:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:139:ILE:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:139:ILE:CB	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:O31	2:B:139:ILE:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:139:ILE:CG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:139:ILE:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:139:ILE:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:139:ILE:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:139:ILE:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:140:PRO:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:140:PRO:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:140:PRO:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:140:PRO:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:140:PRO:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:140:PRO:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:140:PRO:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:141:PHE:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:141:PHE:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:141:PHE:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:141:PHE:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:141:PHE:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:141:PHE:CE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:141:PHE:CE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:141:PHE:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:141:PHE:CZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:141:PHE:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:141:PHE:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:141:PHE:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:142:ILE:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:142:ILE:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:142:ILE:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:142:ILE:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:142:ILE:CG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:142:ILE:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:142:ILE:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:142:ILE:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:142:ILE:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:143:GLU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:143:GLU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:143:GLU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:143:GLU:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:143:GLU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:143:GLU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:143:GLU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:143:GLU:O	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:O31	2:B:143:GLU:OE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:143:GLU:OE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:158:THR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:158:THR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:158:THR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:158:THR:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:158:THR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:158:THR:HG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:158:THR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:158:THR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:158:THR:OG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:159:LEU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:159:LEU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:159:LEU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:159:LEU:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:159:LEU:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:159:LEU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:159:LEU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:159:LEU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:159:LEU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:160:VAL:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:160:VAL:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:160:VAL:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:160:VAL:CG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:160:VAL:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:160:VAL:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:160:VAL:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:160:VAL:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:170:MET:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:170:MET:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:170:MET:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:170:MET:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:170:MET:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:170:MET:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:170:MET:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:170:MET:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:170:MET:SD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:171:SER:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:171:SER:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:171:SER:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:171:SER:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:171:SER:HG	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:O31	2:B:171:SER:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:171:SER:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:171:SER:OG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:172:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:172:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:172:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:172:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:172:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:172:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:172:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:172:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:172:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:172:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:172:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:172:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:172:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:173:ASP:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:173:ASP:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:173:ASP:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:173:ASP:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:173:ASP:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:173:ASP:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:173:ASP:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:173:ASP:OD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:173:ASP:OD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:174:GLY:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:174:GLY:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:174:GLY:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:174:GLY:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:174:GLY:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:175:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:175:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:175:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:175:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:175:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:175:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:175:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:175:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:175:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:175:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:175:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:175:LYS:NZ	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:O31	2:B:175:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:176:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:176:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:176:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:176:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:176:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:176:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:176:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:176:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:176:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:176:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:176:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:176:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:176:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:177:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:177:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:177:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:177:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:177:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:177:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:177:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:177:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:177:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:177:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:177:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:177:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:177:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:178:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:178:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:178:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:178:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:178:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:178:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:178:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:178:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:178:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:178:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:178:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:178:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:178:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:184:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:184:LYS:CA	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:O31	2:B:184:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:184:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:184:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:184:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:184:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:184:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:184:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:184:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:184:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:184:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:184:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:185:CYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:185:CYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:185:CYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:185:CYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:185:CYS:HG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:185:CYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:185:CYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:O31	2:B:185:CYS:SG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:1:MET:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:1:MET:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:1:MET:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:1:MET:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:1:MET:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:1:MET:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:1:MET:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:1:MET:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:1:MET:SD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:2:THR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:2:THR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:2:THR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:2:THR:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:2:THR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:2:THR:HG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:2:THR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:2:THR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:2:THR:OG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:3:GLU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:3:GLU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:3:GLU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:3:GLU:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:3:GLU:CG	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:P	2:B:3:GLU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:3:GLU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:3:GLU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:3:GLU:OE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:3:GLU:OE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:4:TYR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:4:TYR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:4:TYR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:4:TYR:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:4:TYR:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:4:TYR:CE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:4:TYR:CE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:4:TYR:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:4:TYR:CZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:4:TYR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:4:TYR:HH	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:4:TYR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:4:TYR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:4:TYR:OH	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:47:ASP:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:47:ASP:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:47:ASP:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:47:ASP:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:47:ASP:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:47:ASP:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:47:ASP:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:47:ASP:OD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:47:ASP:OD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:48:GLY:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:48:GLY:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:48:GLY:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:48:GLY:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:48:GLY:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:49:GLU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:49:GLU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:49:GLU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:49:GLU:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:49:GLU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:49:GLU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:49:GLU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:49:GLU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:49:GLU:OE1	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:P	2:B:49:GLU:OE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:50:THR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:50:THR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:50:THR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:50:THR:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:50:THR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:50:THR:HG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:50:THR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:50:THR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:50:THR:OG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:51:CYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:51:CYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:51:CYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:51:CYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:51:CYS:HG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:51:CYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:51:CYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:51:CYS:SG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:105:ASP:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:105:ASP:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:105:ASP:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:105:ASP:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:105:ASP:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:105:ASP:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:105:ASP:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:105:ASP:OD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:105:ASP:OD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:106:SER:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:106:SER:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:106:SER:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:106:SER:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:106:SER:HG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:106:SER:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:106:SER:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:106:SER:OG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:107:GLU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:107:GLU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:107:GLU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:107:GLU:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:107:GLU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:107:GLU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:107:GLU:N	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:P	2:B:107:GLU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:107:GLU:OE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:107:GLU:OE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:132:ASP:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:132:ASP:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:132:ASP:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:132:ASP:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:132:ASP:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:132:ASP:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:132:ASP:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:132:ASP:OD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:132:ASP:OD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:133:LEU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:133:LEU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:133:LEU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:133:LEU:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:133:LEU:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:133:LEU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:133:LEU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:133:LEU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:133:LEU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:134:ALA:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:134:ALA:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:134:ALA:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:134:ALA:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:134:ALA:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:134:ALA:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:137:TYR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:137:TYR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:137:TYR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:137:TYR:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:137:TYR:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:137:TYR:CE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:137:TYR:CE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:137:TYR:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:137:TYR:CZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:137:TYR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:137:TYR:HH	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:137:TYR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:137:TYR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:137:TYR:OH	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:138:GLY:C	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:P	2:B:138:GLY:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:138:GLY:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:138:GLY:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:138:GLY:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:139:ILE:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:139:ILE:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:139:ILE:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:139:ILE:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:139:ILE:CG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:139:ILE:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:139:ILE:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:139:ILE:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:139:ILE:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:140:PRO:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:140:PRO:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:140:PRO:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:140:PRO:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:140:PRO:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:140:PRO:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:140:PRO:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:141:PHE:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:141:PHE:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:141:PHE:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:141:PHE:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:141:PHE:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:141:PHE:CE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:141:PHE:CE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:141:PHE:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:141:PHE:CZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:141:PHE:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:141:PHE:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:141:PHE:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:142:ILE:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:142:ILE:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:142:ILE:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:142:ILE:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:142:ILE:CG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:142:ILE:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:142:ILE:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:142:ILE:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:142:ILE:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:143:GLU:C	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:P	2:B:143:GLU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:143:GLU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:143:GLU:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:143:GLU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:143:GLU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:143:GLU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:143:GLU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:143:GLU:OE1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:143:GLU:OE2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:158:THR:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:158:THR:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:158:THR:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:158:THR:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:158:THR:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:158:THR:HG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:158:THR:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:158:THR:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:158:THR:OG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:159:LEU:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:159:LEU:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:159:LEU:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:159:LEU:CD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:159:LEU:CD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:159:LEU:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:159:LEU:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:159:LEU:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:159:LEU:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:160:VAL:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:160:VAL:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:160:VAL:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:160:VAL:CG1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:160:VAL:CG2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:160:VAL:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:160:VAL:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:160:VAL:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:170:MET:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:170:MET:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:170:MET:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:170:MET:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:170:MET:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:170:MET:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:170:MET:N	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:P	2:B:170:MET:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:170:MET:SD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:171:SER:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:171:SER:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:171:SER:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:171:SER:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:171:SER:HG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:171:SER:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:171:SER:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:171:SER:OG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:172:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:172:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:172:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:172:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:172:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:172:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:172:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:172:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:172:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:172:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:172:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:172:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:172:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:173:ASP:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:173:ASP:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:173:ASP:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:173:ASP:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:173:ASP:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:173:ASP:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:173:ASP:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:173:ASP:OD1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:173:ASP:OD2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:174:GLY:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:174:GLY:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:174:GLY:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:174:GLY:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:174:GLY:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:175:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:175:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:175:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:175:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:175:LYS:CE	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:P	2:B:175:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:175:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:175:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:175:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:175:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:175:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:175:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:175:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:176:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:176:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:176:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:176:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:176:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:176:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:176:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:176:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:176:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:176:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:176:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:176:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:176:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:177:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:177:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:177:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:177:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:177:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:177:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:177:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:177:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:177:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:177:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:177:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:177:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:177:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:178:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:178:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:178:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:178:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:178:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:178:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:178:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:178:LYS:HZ1	7	2.64	0.9	2.9

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,29)	3:A:29:PCW:P	2:B:178:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:178:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:178:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:178:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:178:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:184:LYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:184:LYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:184:LYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:184:LYS:CD	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:184:LYS:CE	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:184:LYS:CG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:184:LYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:184:LYS:HZ1	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:184:LYS:HZ2	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:184:LYS:HZ3	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:184:LYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:184:LYS:NZ	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:184:LYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:185:CYS:C	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:185:CYS:CA	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:185:CYS:CB	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:185:CYS:H	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:185:CYS:HG	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:185:CYS:N	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:185:CYS:O	7	2.64	0.9	2.9
(1,29)	3:A:29:PCW:P	2:B:185:CYS:SG	7	2.64	0.9	2.9
(1,52)	2:B:159:LEU:C	3:A:1:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:1:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:1:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:1:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:1:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:1:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:1:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:1:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:1:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:1:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:1:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:2:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:2:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:2:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:2:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:2:PCW:C15	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:C	3:A:2:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:2:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:2:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:2:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:2:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:2:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:3:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:3:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:3:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:3:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:3:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:3:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:3:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:3:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:3:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:3:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:3:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:4:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:4:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:4:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:4:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:4:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:4:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:4:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:4:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:4:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:4:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:4:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:5:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:5:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:5:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:5:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:5:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:5:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:5:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:5:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:5:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:5:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:5:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:6:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:6:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:6:PCW:C13	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:C	3:A:6:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:6:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:6:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:6:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:6:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:6:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:6:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:6:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:7:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:7:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:7:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:7:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:7:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:7:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:7:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:7:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:7:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:7:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:7:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:8:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:8:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:8:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:8:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:8:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:8:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:8:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:8:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:8:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:8:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:8:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:9:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:9:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:9:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:9:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:9:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:9:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:9:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:9:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:9:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:9:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:9:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:10:PCW:C11	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:C	3:A:10:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:10:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:10:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:10:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:10:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:10:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:10:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:10:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:10:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:10:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:11:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:11:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:11:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:11:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:11:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:11:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:11:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:11:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:11:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:11:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:11:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:12:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:12:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:12:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:12:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:12:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:12:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:12:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:12:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:12:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:12:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:12:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:13:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:13:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:13:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:13:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:13:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:13:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:13:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:13:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:13:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:13:PCW:O31	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:C	3:A:13:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:14:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:14:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:14:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:14:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:14:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:14:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:14:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:14:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:14:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:14:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:14:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:15:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:15:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:15:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:15:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:15:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:15:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:15:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:15:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:15:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:15:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:15:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:16:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:16:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:16:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:16:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:16:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:16:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:16:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:16:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:16:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:16:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:16:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:17:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:17:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:17:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:17:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:17:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:17:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:17:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:17:PCW:O2	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:C	3:A:17:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:17:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:17:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:18:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:18:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:18:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:18:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:18:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:18:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:18:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:18:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:18:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:18:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:18:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:19:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:19:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:19:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:19:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:19:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:19:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:19:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:19:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:19:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:19:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:19:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:20:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:20:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:20:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:20:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:20:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:20:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:20:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:20:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:20:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:20:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:20:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:21:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:21:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:21:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:21:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:21:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:21:PCW:N	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:C	3:A:21:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:21:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:21:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:21:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:21:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:22:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:22:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:22:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:22:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:22:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:22:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:22:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:22:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:22:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:22:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:22:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:23:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:23:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:23:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:23:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:23:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:23:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:23:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:23:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:23:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:23:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:23:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:24:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:24:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:24:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:24:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:24:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:24:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:24:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:24:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:24:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:24:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:24:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:25:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:25:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:25:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:25:PCW:C14	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:C	3:A:25:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:25:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:25:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:25:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:25:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:25:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:25:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:26:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:26:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:26:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:26:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:26:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:26:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:26:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:26:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:26:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:26:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:26:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:27:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:27:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:27:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:27:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:27:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:27:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:27:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:27:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:27:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:27:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:27:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:28:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:28:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:28:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:28:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:28:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:28:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:28:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:28:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:28:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:28:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:28:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:29:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:29:PCW:C12	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:C	3:A:29:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:29:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:29:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:29:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:29:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:29:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:29:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:29:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:29:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:30:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:30:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:30:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:30:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:30:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:30:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:30:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:30:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:30:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:30:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:30:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:31:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:31:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:31:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:31:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:31:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:31:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:31:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:31:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:31:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:31:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:31:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:32:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:32:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:32:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:32:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:32:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:32:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:32:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:32:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:32:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:32:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	3:A:32:PCW:P	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:C	4:A:33:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:33:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:33:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:33:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:33:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:33:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:33:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:33:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:33:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:33:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:34:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:34:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:34:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:34:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:34:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:34:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:34:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:34:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:34:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:34:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:35:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:35:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:35:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:35:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:35:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:35:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:35:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:35:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:35:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:35:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:36:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:36:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:36:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:36:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:36:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:36:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:36:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:36:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:36:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:36:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:37:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:37:17F:C8	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:C	4:A:37:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:37:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:37:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:37:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:37:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:37:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:37:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:37:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:38:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:38:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:38:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:38:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:38:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:38:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:38:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:38:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:38:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:38:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:39:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:39:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:39:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:39:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:39:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:39:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:39:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:39:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:39:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:39:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:40:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:40:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:40:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:40:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:40:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:40:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:40:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:40:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:40:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	4:A:40:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	2:B:1:MET:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:C	2:B:2:THR:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:1:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:1:PCW:C12	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CA	3:A:1:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:1:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:1:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:1:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:1:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:1:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:1:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:1:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:1:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:2:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:2:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:2:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:2:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:2:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:2:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:2:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:2:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:2:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:2:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:2:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:3:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:3:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:3:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:3:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:3:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:3:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:3:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:3:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:3:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:3:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:3:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:4:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:4:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:4:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:4:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:4:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:4:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:4:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:4:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:4:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:4:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:4:PCW:P	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CA	3:A:5:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:5:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:5:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:5:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:5:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:5:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:5:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:5:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:5:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:5:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:5:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:6:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:6:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:6:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:6:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:6:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:6:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:6:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:6:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:6:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:6:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:6:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:7:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:7:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:7:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:7:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:7:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:7:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:7:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:7:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:7:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:7:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:7:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:8:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:8:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:8:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:8:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:8:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:8:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:8:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:8:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:8:PCW:O3	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CA	3:A:8:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:8:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:9:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:9:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:9:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:9:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:9:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:9:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:9:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:9:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:9:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:9:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:9:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:10:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:10:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:10:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:10:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:10:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:10:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:10:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:10:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:10:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:10:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:10:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:11:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:11:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:11:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:11:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:11:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:11:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:11:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:11:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:11:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:11:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:11:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:12:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:12:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:12:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:12:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:12:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:12:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:12:PCW:O11	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CA	3:A:12:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:12:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:12:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:12:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:13:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:13:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:13:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:13:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:13:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:13:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:13:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:13:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:13:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:13:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:13:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:14:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:14:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:14:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:14:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:14:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:14:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:14:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:14:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:14:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:14:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:14:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:15:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:15:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:15:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:15:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:15:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:15:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:15:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:15:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:15:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:15:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:15:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:16:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:16:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:16:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:16:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:16:PCW:C15	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CA	3:A:16:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:16:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:16:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:16:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:16:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:16:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:17:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:17:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:17:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:17:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:17:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:17:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:17:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:17:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:17:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:17:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:17:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:18:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:18:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:18:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:18:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:18:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:18:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:18:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:18:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:18:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:18:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:18:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:19:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:19:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:19:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:19:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:19:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:19:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:19:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:19:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:19:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:19:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:19:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:20:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:20:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:20:PCW:C13	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CA	3:A:20:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:20:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:20:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:20:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:20:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:20:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:20:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:20:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:21:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:21:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:21:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:21:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:21:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:21:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:21:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:21:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:21:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:21:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:21:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:22:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:22:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:22:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:22:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:22:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:22:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:22:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:22:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:22:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:22:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:22:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:23:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:23:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:23:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:23:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:23:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:23:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:23:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:23:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:23:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:23:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:23:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:24:PCW:C11	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CA	3:A:24:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:24:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:24:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:24:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:24:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:24:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:24:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:24:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:24:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:24:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:25:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:25:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:25:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:25:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:25:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:25:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:25:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:25:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:25:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:25:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:25:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:26:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:26:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:26:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:26:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:26:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:26:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:26:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:26:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:26:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:26:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:26:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:27:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:27:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:27:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:27:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:27:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:27:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:27:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:27:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:27:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:27:PCW:O31	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CA	3:A:27:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:28:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:28:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:28:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:28:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:28:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:28:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:28:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:28:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:28:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:28:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:28:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:29:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:29:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:29:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:29:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:29:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:29:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:29:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:29:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:29:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:29:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:29:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:30:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:30:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:30:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:30:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:30:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:30:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:30:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:30:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:30:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:30:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:30:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:31:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:31:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:31:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:31:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:31:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:31:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:31:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:31:PCW:O2	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CA	3:A:31:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:31:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:31:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:32:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:32:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:32:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:32:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:32:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:32:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:32:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:32:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:32:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:32:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	3:A:32:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:33:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:33:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:33:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:33:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:33:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:33:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:33:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:33:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:33:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:33:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:34:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:34:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:34:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:34:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:34:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:34:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:34:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:34:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:34:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:34:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:35:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:35:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:35:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:35:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:35:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:35:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:35:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:35:17F:O7	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CA	4:A:35:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:35:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:36:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:36:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:36:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:36:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:36:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:36:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:36:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:36:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:36:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:36:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:37:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:37:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:37:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:37:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:37:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:37:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:37:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:37:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:37:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:37:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:38:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:38:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:38:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:38:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:38:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:38:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:38:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:38:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:38:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:38:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:39:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:39:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:39:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:39:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:39:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:39:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:39:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:39:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:39:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:39:17F:P1	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CA	4:A:40:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:40:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:40:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:40:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:40:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:40:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:40:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:40:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:40:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	4:A:40:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	2:B:1:MET:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CA	2:B:2:THR:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:1:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:1:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:1:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:1:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:1:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:1:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:1:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:1:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:1:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:1:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:1:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:2:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:2:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:2:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:2:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:2:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:2:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:2:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:2:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:2:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:2:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:2:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:3:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:3:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:3:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:3:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:3:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:3:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:3:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:3:PCW:O2	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CB	3:A:3:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:3:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:3:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:4:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:4:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:4:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:4:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:4:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:4:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:4:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:4:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:4:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:4:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:4:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:5:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:5:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:5:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:5:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:5:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:5:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:5:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:5:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:5:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:5:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:5:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:6:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:6:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:6:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:6:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:6:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:6:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:6:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:6:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:6:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:6:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:6:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:7:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:7:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:7:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:7:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:7:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:7:PCW:N	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CB	3:A:7:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:7:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:7:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:7:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:7:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:8:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:8:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:8:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:8:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:8:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:8:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:8:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:8:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:8:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:8:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:8:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:9:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:9:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:9:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:9:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:9:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:9:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:9:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:9:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:9:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:9:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:9:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:10:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:10:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:10:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:10:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:10:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:10:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:10:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:10:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:10:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:10:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:10:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:11:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:11:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:11:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:11:PCW:C14	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CB	3:A:11:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:11:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:11:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:11:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:11:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:11:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:11:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:12:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:12:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:12:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:12:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:12:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:12:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:12:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:12:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:12:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:12:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:12:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:13:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:13:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:13:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:13:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:13:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:13:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:13:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:13:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:13:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:13:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:13:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:14:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:14:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:14:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:14:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:14:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:14:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:14:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:14:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:14:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:14:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:14:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:15:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:15:PCW:C12	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CB	3:A:15:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:15:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:15:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:15:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:15:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:15:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:15:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:15:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:15:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:16:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:16:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:16:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:16:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:16:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:16:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:16:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:16:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:16:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:16:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:16:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:17:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:17:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:17:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:17:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:17:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:17:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:17:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:17:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:17:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:17:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:17:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:18:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:18:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:18:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:18:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:18:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:18:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:18:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:18:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:18:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:18:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:18:PCW:P	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CB	3:A:19:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:19:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:19:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:19:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:19:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:19:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:19:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:19:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:19:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:19:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:19:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:20:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:20:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:20:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:20:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:20:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:20:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:20:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:20:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:20:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:20:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:20:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:21:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:21:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:21:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:21:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:21:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:21:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:21:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:21:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:21:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:21:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:21:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:22:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:22:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:22:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:22:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:22:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:22:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:22:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:22:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:22:PCW:O3	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CB	3:A:22:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:22:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:23:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:23:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:23:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:23:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:23:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:23:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:23:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:23:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:23:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:23:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:23:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:24:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:24:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:24:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:24:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:24:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:24:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:24:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:24:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:24:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:24:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:24:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:25:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:25:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:25:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:25:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:25:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:25:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:25:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:25:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:25:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:25:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:25:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:26:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:26:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:26:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:26:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:26:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:26:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:26:PCW:O11	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CB	3:A:26:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:26:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:26:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:26:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:27:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:27:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:27:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:27:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:27:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:27:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:27:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:27:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:27:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:27:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:27:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:28:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:28:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:28:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:28:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:28:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:28:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:28:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:28:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:28:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:28:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:28:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:29:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:29:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:29:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:29:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:29:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:29:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:29:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:29:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:29:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:29:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:29:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:30:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:30:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:30:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:30:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:30:PCW:C15	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CB	3:A:30:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:30:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:30:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:30:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:30:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:30:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:31:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:31:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:31:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:31:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:31:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:31:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:31:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:31:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:31:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:31:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:31:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:32:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:32:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:32:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:32:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:32:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:32:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:32:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:32:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:32:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:32:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	3:A:32:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:33:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:33:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:33:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:33:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:33:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:33:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:33:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:33:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:33:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:33:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:34:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:34:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:34:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:34:17F:N1	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CB	4:A:34:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:34:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:34:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:34:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:34:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:34:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:35:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:35:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:35:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:35:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:35:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:35:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:35:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:35:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:35:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:35:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:36:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:36:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:36:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:36:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:36:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:36:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:36:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:36:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:36:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:36:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:37:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:37:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:37:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:37:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:37:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:37:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:37:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:37:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:37:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:37:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:38:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:38:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:38:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:38:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:38:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:38:17F:O4	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CB	4:A:38:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:38:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:38:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:38:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:39:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:39:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:39:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:39:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:39:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:39:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:39:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:39:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:39:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:39:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:40:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:40:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:40:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:40:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:40:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:40:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:40:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:40:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:40:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	4:A:40:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	2:B:1:MET:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CB	2:B:2:THR:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:1:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:1:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:1:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:1:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:1:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:1:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:1:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:1:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:1:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:1:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:1:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:2:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:2:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:2:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:2:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:2:PCW:C15	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CD1	3:A:2:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:2:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:2:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:2:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:2:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:2:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:3:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:3:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:3:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:3:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:3:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:3:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:3:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:3:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:3:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:3:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:3:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:4:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:4:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:4:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:4:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:4:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:4:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:4:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:4:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:4:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:4:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:4:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:5:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:5:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:5:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:5:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:5:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:5:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:5:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:5:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:5:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:5:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:5:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:6:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:6:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:6:PCW:C13	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CD1	3:A:6:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:6:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:6:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:6:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:6:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:6:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:6:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:6:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:7:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:7:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:7:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:7:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:7:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:7:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:7:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:7:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:7:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:7:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:7:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:8:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:8:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:8:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:8:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:8:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:8:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:8:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:8:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:8:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:8:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:8:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:9:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:9:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:9:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:9:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:9:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:9:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:9:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:9:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:9:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:9:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:9:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:10:PCW:C11	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CD1	3:A:10:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:10:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:10:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:10:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:10:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:10:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:10:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:10:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:10:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:10:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:11:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:11:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:11:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:11:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:11:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:11:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:11:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:11:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:11:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:11:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:11:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:12:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:12:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:12:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:12:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:12:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:12:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:12:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:12:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:12:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:12:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:12:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:13:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:13:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:13:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:13:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:13:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:13:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:13:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:13:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:13:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:13:PCW:O31	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CD1	3:A:13:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:14:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:14:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:14:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:14:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:14:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:14:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:14:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:14:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:14:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:14:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:14:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:15:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:15:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:15:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:15:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:15:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:15:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:15:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:15:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:15:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:15:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:15:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:16:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:16:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:16:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:16:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:16:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:16:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:16:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:16:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:16:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:16:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:16:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:17:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:17:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:17:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:17:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:17:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:17:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:17:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:17:PCW:O2	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CD1	3:A:17:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:17:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:17:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:18:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:18:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:18:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:18:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:18:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:18:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:18:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:18:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:18:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:18:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:18:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:19:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:19:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:19:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:19:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:19:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:19:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:19:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:19:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:19:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:19:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:19:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:20:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:20:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:20:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:20:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:20:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:20:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:20:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:20:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:20:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:20:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:20:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:21:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:21:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:21:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:21:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:21:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:21:PCW:N	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CD1	3:A:21:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:21:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:21:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:21:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:21:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:22:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:22:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:22:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:22:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:22:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:22:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:22:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:22:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:22:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:22:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:22:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:23:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:23:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:23:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:23:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:23:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:23:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:23:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:23:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:23:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:23:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:23:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:24:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:24:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:24:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:24:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:24:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:24:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:24:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:24:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:24:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:24:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:24:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:25:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:25:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:25:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:25:PCW:C14	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CD1	3:A:25:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:25:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:25:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:25:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:25:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:25:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:25:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:26:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:26:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:26:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:26:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:26:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:26:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:26:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:26:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:26:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:26:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:26:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:27:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:27:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:27:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:27:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:27:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:27:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:27:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:27:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:27:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:27:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:27:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:28:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:28:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:28:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:28:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:28:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:28:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:28:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:28:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:28:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:28:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:28:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:29:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:29:PCW:C12	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CD1	3:A:29:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:29:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:29:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:29:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:29:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:29:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:29:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:29:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:29:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:30:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:30:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:30:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:30:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:30:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:30:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:30:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:30:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:30:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:30:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:30:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:31:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:31:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:31:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:31:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:31:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:31:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:31:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:31:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:31:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:31:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:31:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:32:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:32:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:32:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:32:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:32:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:32:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:32:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:32:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:32:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:32:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	3:A:32:PCW:P	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CD1	4:A:33:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:33:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:33:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:33:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:33:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:33:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:33:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:33:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:33:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:33:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:34:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:34:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:34:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:34:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:34:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:34:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:34:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:34:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:34:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:34:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:35:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:35:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:35:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:35:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:35:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:35:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:35:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:35:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:35:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:35:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:36:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:36:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:36:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:36:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:36:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:36:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:36:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:36:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:36:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:36:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:37:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:37:17F:C8	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CD1	4:A:37:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:37:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:37:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:37:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:37:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:37:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:37:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:37:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:38:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:38:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:38:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:38:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:38:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:38:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:38:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:38:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:38:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:38:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:39:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:39:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:39:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:39:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:39:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:39:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:39:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:39:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:39:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:39:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:40:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:40:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:40:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:40:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:40:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:40:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:40:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:40:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:40:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	4:A:40:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	2:B:1:MET:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD1	2:B:2:THR:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:1:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:1:PCW:C12	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CD2	3:A:1:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:1:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:1:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:1:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:1:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:1:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:1:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:1:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:1:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:2:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:2:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:2:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:2:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:2:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:2:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:2:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:2:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:2:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:2:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:2:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:3:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:3:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:3:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:3:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:3:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:3:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:3:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:3:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:3:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:3:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:3:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:4:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:4:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:4:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:4:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:4:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:4:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:4:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:4:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:4:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:4:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:4:PCW:P	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CD2	3:A:5:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:5:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:5:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:5:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:5:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:5:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:5:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:5:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:5:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:5:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:5:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:6:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:6:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:6:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:6:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:6:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:6:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:6:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:6:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:6:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:6:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:6:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:7:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:7:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:7:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:7:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:7:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:7:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:7:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:7:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:7:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:7:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:7:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:8:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:8:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:8:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:8:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:8:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:8:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:8:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:8:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:8:PCW:O3	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CD2	3:A:8:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:8:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:9:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:9:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:9:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:9:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:9:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:9:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:9:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:9:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:9:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:9:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:9:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:10:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:10:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:10:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:10:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:10:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:10:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:10:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:10:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:10:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:10:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:10:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:11:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:11:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:11:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:11:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:11:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:11:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:11:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:11:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:11:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:11:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:11:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:12:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:12:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:12:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:12:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:12:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:12:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:12:PCW:O11	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CD2	3:A:12:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:12:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:12:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:12:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:13:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:13:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:13:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:13:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:13:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:13:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:13:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:13:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:13:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:13:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:13:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:14:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:14:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:14:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:14:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:14:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:14:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:14:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:14:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:14:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:14:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:14:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:15:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:15:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:15:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:15:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:15:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:15:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:15:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:15:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:15:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:15:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:15:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:16:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:16:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:16:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:16:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:16:PCW:C15	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CD2	3:A:16:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:16:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:16:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:16:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:16:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:16:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:17:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:17:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:17:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:17:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:17:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:17:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:17:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:17:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:17:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:17:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:17:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:18:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:18:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:18:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:18:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:18:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:18:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:18:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:18:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:18:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:18:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:18:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:19:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:19:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:19:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:19:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:19:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:19:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:19:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:19:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:19:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:19:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:19:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:20:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:20:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:20:PCW:C13	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CD2	3:A:20:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:20:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:20:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:20:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:20:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:20:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:20:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:20:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:21:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:21:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:21:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:21:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:21:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:21:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:21:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:21:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:21:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:21:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:21:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:22:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:22:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:22:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:22:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:22:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:22:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:22:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:22:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:22:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:22:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:22:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:23:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:23:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:23:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:23:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:23:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:23:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:23:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:23:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:23:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:23:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:23:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:24:PCW:C11	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CD2	3:A:24:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:24:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:24:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:24:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:24:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:24:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:24:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:24:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:24:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:24:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:25:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:25:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:25:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:25:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:25:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:25:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:25:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:25:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:25:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:25:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:25:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:26:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:26:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:26:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:26:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:26:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:26:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:26:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:26:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:26:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:26:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:26:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:27:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:27:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:27:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:27:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:27:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:27:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:27:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:27:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:27:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:27:PCW:O31	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CD2	3:A:27:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:28:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:28:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:28:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:28:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:28:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:28:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:28:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:28:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:28:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:28:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:28:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:29:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:29:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:29:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:29:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:29:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:29:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:29:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:29:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:29:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:29:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:29:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:30:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:30:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:30:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:30:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:30:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:30:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:30:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:30:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:30:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:30:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:30:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:31:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:31:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:31:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:31:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:31:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:31:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:31:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:31:PCW:O2	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CD2	3:A:31:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:31:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:31:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:32:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:32:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:32:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:32:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:32:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:32:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:32:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:32:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:32:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:32:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	3:A:32:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:33:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:33:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:33:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:33:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:33:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:33:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:33:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:33:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:33:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:33:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:34:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:34:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:34:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:34:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:34:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:34:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:34:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:34:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:34:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:34:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:35:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:35:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:35:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:35:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:35:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:35:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:35:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:35:17F:O7	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CD2	4:A:35:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:35:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:36:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:36:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:36:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:36:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:36:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:36:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:36:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:36:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:36:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:36:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:37:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:37:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:37:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:37:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:37:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:37:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:37:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:37:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:37:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:37:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:38:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:38:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:38:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:38:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:38:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:38:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:38:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:38:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:38:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:38:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:39:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:39:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:39:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:39:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:39:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:39:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:39:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:39:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:39:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:39:17F:P1	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CD2	4:A:40:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:40:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:40:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:40:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:40:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:40:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:40:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:40:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:40:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	4:A:40:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	2:B:1:MET:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CD2	2:B:2:THR:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:1:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:1:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:1:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:1:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:1:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:1:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:1:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:1:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:1:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:1:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:1:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:2:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:2:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:2:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:2:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:2:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:2:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:2:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:2:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:2:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:2:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:2:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:3:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:3:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:3:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:3:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:3:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:3:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:3:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:3:PCW:O2	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CG	3:A:3:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:3:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:3:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:4:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:4:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:4:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:4:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:4:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:4:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:4:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:4:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:4:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:4:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:4:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:5:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:5:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:5:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:5:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:5:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:5:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:5:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:5:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:5:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:5:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:5:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:6:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:6:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:6:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:6:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:6:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:6:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:6:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:6:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:6:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:6:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:6:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:7:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:7:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:7:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:7:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:7:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:7:PCW:N	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CG	3:A:7:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:7:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:7:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:7:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:7:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:8:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:8:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:8:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:8:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:8:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:8:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:8:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:8:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:8:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:8:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:8:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:9:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:9:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:9:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:9:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:9:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:9:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:9:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:9:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:9:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:9:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:9:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:10:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:10:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:10:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:10:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:10:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:10:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:10:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:10:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:10:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:10:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:10:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:11:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:11:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:11:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:11:PCW:C14	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CG	3:A:11:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:11:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:11:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:11:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:11:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:11:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:11:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:12:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:12:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:12:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:12:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:12:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:12:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:12:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:12:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:12:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:12:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:12:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:13:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:13:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:13:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:13:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:13:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:13:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:13:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:13:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:13:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:13:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:13:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:14:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:14:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:14:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:14:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:14:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:14:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:14:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:14:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:14:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:14:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:14:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:15:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:15:PCW:C12	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CG	3:A:15:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:15:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:15:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:15:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:15:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:15:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:15:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:15:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:15:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:16:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:16:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:16:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:16:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:16:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:16:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:16:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:16:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:16:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:16:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:16:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:17:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:17:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:17:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:17:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:17:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:17:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:17:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:17:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:17:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:17:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:17:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:18:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:18:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:18:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:18:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:18:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:18:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:18:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:18:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:18:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:18:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:18:PCW:P	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CG	3:A:19:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:19:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:19:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:19:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:19:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:19:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:19:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:19:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:19:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:19:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:19:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:20:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:20:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:20:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:20:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:20:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:20:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:20:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:20:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:20:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:20:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:20:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:21:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:21:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:21:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:21:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:21:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:21:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:21:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:21:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:21:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:21:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:21:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:22:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:22:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:22:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:22:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:22:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:22:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:22:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:22:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:22:PCW:O3	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CG	3:A:22:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:22:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:23:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:23:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:23:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:23:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:23:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:23:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:23:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:23:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:23:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:23:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:23:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:24:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:24:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:24:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:24:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:24:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:24:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:24:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:24:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:24:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:24:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:24:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:25:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:25:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:25:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:25:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:25:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:25:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:25:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:25:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:25:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:25:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:25:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:26:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:26:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:26:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:26:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:26:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:26:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:26:PCW:O11	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CG	3:A:26:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:26:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:26:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:26:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:27:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:27:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:27:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:27:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:27:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:27:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:27:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:27:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:27:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:27:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:27:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:28:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:28:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:28:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:28:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:28:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:28:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:28:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:28:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:28:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:28:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:28:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:29:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:29:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:29:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:29:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:29:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:29:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:29:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:29:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:29:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:29:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:29:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:30:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:30:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:30:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:30:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:30:PCW:C15	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CG	3:A:30:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:30:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:30:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:30:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:30:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:30:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:31:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:31:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:31:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:31:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:31:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:31:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:31:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:31:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:31:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:31:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:31:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:32:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:32:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:32:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:32:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:32:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:32:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:32:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:32:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:32:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:32:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	3:A:32:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:33:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:33:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:33:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:33:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:33:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:33:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:33:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:33:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:33:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:33:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:34:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:34:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:34:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:34:17F:N1	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CG	4:A:34:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:34:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:34:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:34:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:34:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:34:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:35:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:35:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:35:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:35:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:35:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:35:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:35:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:35:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:35:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:35:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:36:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:36:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:36:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:36:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:36:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:36:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:36:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:36:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:36:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:36:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:37:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:37:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:37:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:37:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:37:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:37:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:37:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:37:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:37:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:37:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:38:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:38:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:38:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:38:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:38:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:38:17F:O4	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:CG	4:A:38:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:38:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:38:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:38:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:39:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:39:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:39:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:39:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:39:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:39:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:39:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:39:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:39:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:39:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:40:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:40:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:40:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:40:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:40:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:40:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:40:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:40:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:40:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	4:A:40:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	2:B:1:MET:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:CG	2:B:2:THR:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:1:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:1:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:1:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:1:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:1:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:1:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:1:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:1:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:1:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:1:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:1:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:2:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:2:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:2:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:2:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:2:PCW:C15	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:H	3:A:2:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:2:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:2:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:2:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:2:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:2:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:3:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:3:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:3:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:3:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:3:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:3:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:3:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:3:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:3:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:3:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:3:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:4:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:4:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:4:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:4:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:4:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:4:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:4:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:4:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:4:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:4:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:4:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:5:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:5:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:5:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:5:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:5:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:5:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:5:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:5:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:5:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:5:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:5:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:6:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:6:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:6:PCW:C13	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:H	3:A:6:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:6:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:6:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:6:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:6:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:6:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:6:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:6:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:7:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:7:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:7:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:7:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:7:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:7:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:7:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:7:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:7:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:7:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:7:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:8:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:8:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:8:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:8:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:8:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:8:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:8:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:8:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:8:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:8:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:8:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:9:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:9:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:9:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:9:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:9:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:9:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:9:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:9:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:9:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:9:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:9:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:10:PCW:C11	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:H	3:A:10:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:10:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:10:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:10:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:10:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:10:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:10:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:10:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:10:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:10:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:11:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:11:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:11:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:11:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:11:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:11:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:11:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:11:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:11:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:11:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:11:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:12:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:12:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:12:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:12:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:12:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:12:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:12:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:12:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:12:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:12:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:12:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:13:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:13:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:13:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:13:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:13:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:13:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:13:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:13:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:13:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:13:PCW:O31	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:H	3:A:13:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:14:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:14:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:14:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:14:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:14:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:14:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:14:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:14:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:14:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:14:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:14:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:15:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:15:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:15:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:15:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:15:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:15:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:15:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:15:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:15:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:15:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:15:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:16:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:16:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:16:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:16:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:16:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:16:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:16:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:16:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:16:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:16:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:16:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:17:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:17:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:17:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:17:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:17:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:17:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:17:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:17:PCW:O2	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:H	3:A:17:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:17:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:17:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:18:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:18:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:18:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:18:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:18:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:18:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:18:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:18:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:18:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:18:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:18:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:19:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:19:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:19:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:19:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:19:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:19:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:19:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:19:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:19:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:19:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:19:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:20:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:20:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:20:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:20:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:20:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:20:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:20:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:20:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:20:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:20:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:20:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:21:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:21:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:21:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:21:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:21:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:21:PCW:N	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:H	3:A:21:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:21:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:21:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:21:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:21:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:22:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:22:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:22:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:22:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:22:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:22:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:22:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:22:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:22:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:22:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:22:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:23:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:23:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:23:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:23:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:23:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:23:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:23:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:23:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:23:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:23:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:23:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:24:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:24:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:24:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:24:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:24:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:24:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:24:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:24:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:24:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:24:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:24:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:25:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:25:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:25:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:25:PCW:C14	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:H	3:A:25:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:25:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:25:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:25:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:25:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:25:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:25:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:26:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:26:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:26:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:26:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:26:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:26:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:26:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:26:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:26:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:26:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:26:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:27:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:27:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:27:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:27:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:27:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:27:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:27:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:27:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:27:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:27:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:27:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:28:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:28:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:28:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:28:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:28:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:28:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:28:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:28:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:28:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:28:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:28:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:29:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:29:PCW:C12	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:H	3:A:29:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:29:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:29:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:29:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:29:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:29:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:29:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:29:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:29:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:30:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:30:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:30:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:30:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:30:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:30:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:30:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:30:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:30:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:30:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:30:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:31:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:31:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:31:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:31:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:31:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:31:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:31:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:31:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:31:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:31:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:31:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:32:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:32:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:32:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:32:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:32:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:32:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:32:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:32:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:32:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:32:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	3:A:32:PCW:P	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:H	4:A:33:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:33:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:33:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:33:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:33:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:33:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:33:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:33:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:33:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:33:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:34:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:34:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:34:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:34:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:34:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:34:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:34:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:34:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:34:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:34:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:35:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:35:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:35:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:35:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:35:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:35:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:35:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:35:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:35:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:35:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:36:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:36:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:36:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:36:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:36:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:36:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:36:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:36:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:36:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:36:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:37:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:37:17F:C8	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:H	4:A:37:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:37:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:37:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:37:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:37:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:37:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:37:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:37:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:38:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:38:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:38:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:38:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:38:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:38:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:38:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:38:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:38:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:38:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:39:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:39:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:39:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:39:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:39:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:39:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:39:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:39:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:39:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:39:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:40:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:40:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:40:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:40:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:40:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:40:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:40:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:40:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:40:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	4:A:40:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	2:B:1:MET:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:H	2:B:2:THR:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:1:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:1:PCW:C12	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:N	3:A:1:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:1:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:1:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:1:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:1:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:1:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:1:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:1:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:1:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:2:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:2:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:2:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:2:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:2:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:2:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:2:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:2:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:2:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:2:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:2:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:3:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:3:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:3:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:3:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:3:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:3:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:3:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:3:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:3:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:3:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:3:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:4:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:4:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:4:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:4:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:4:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:4:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:4:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:4:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:4:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:4:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:4:PCW:P	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:N	3:A:5:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:5:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:5:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:5:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:5:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:5:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:5:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:5:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:5:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:5:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:5:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:6:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:6:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:6:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:6:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:6:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:6:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:6:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:6:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:6:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:6:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:6:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:7:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:7:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:7:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:7:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:7:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:7:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:7:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:7:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:7:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:7:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:7:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:8:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:8:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:8:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:8:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:8:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:8:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:8:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:8:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:8:PCW:O3	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:N	3:A:8:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:8:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:9:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:9:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:9:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:9:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:9:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:9:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:9:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:9:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:9:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:9:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:9:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:10:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:10:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:10:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:10:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:10:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:10:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:10:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:10:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:10:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:10:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:10:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:11:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:11:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:11:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:11:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:11:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:11:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:11:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:11:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:11:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:11:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:11:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:12:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:12:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:12:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:12:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:12:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:12:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:12:PCW:O11	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:N	3:A:12:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:12:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:12:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:12:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:13:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:13:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:13:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:13:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:13:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:13:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:13:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:13:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:13:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:13:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:13:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:14:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:14:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:14:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:14:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:14:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:14:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:14:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:14:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:14:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:14:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:14:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:15:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:15:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:15:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:15:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:15:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:15:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:15:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:15:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:15:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:15:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:15:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:16:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:16:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:16:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:16:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:16:PCW:C15	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:N	3:A:16:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:16:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:16:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:16:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:16:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:16:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:17:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:17:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:17:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:17:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:17:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:17:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:17:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:17:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:17:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:17:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:17:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:18:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:18:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:18:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:18:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:18:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:18:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:18:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:18:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:18:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:18:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:18:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:19:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:19:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:19:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:19:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:19:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:19:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:19:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:19:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:19:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:19:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:19:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:20:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:20:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:20:PCW:C13	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:N	3:A:20:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:20:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:20:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:20:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:20:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:20:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:20:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:20:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:21:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:21:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:21:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:21:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:21:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:21:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:21:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:21:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:21:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:21:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:21:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:22:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:22:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:22:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:22:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:22:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:22:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:22:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:22:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:22:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:22:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:22:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:23:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:23:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:23:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:23:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:23:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:23:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:23:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:23:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:23:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:23:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:23:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:24:PCW:C11	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:N	3:A:24:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:24:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:24:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:24:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:24:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:24:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:24:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:24:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:24:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:24:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:25:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:25:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:25:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:25:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:25:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:25:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:25:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:25:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:25:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:25:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:25:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:26:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:26:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:26:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:26:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:26:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:26:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:26:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:26:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:26:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:26:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:26:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:27:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:27:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:27:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:27:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:27:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:27:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:27:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:27:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:27:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:27:PCW:O31	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:N	3:A:27:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:28:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:28:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:28:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:28:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:28:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:28:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:28:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:28:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:28:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:28:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:28:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:29:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:29:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:29:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:29:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:29:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:29:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:29:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:29:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:29:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:29:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:29:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:30:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:30:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:30:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:30:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:30:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:30:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:30:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:30:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:30:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:30:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:30:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:31:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:31:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:31:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:31:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:31:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:31:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:31:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:31:PCW:O2	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:N	3:A:31:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:31:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:31:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:32:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:32:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:32:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:32:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:32:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:32:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:32:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:32:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:32:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:32:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	3:A:32:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:33:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:33:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:33:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:33:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:33:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:33:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:33:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:33:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:33:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:33:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:34:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:34:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:34:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:34:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:34:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:34:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:34:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:34:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:34:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:34:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:35:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:35:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:35:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:35:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:35:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:35:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:35:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:35:17F:O7	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:N	4:A:35:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:35:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:36:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:36:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:36:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:36:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:36:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:36:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:36:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:36:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:36:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:36:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:37:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:37:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:37:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:37:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:37:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:37:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:37:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:37:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:37:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:37:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:38:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:38:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:38:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:38:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:38:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:38:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:38:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:38:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:38:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:38:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:39:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:39:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:39:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:39:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:39:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:39:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:39:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:39:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:39:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:39:17F:P1	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:N	4:A:40:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:40:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:40:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:40:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:40:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:40:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:40:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:40:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:40:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	4:A:40:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	2:B:1:MET:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:N	2:B:2:THR:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:1:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:1:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:1:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:1:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:1:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:1:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:1:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:1:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:1:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:1:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:1:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:2:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:2:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:2:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:2:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:2:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:2:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:2:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:2:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:2:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:2:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:2:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:3:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:3:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:3:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:3:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:3:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:3:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:3:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:3:PCW:O2	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:O	3:A:3:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:3:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:3:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:4:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:4:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:4:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:4:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:4:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:4:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:4:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:4:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:4:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:4:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:4:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:5:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:5:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:5:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:5:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:5:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:5:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:5:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:5:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:5:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:5:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:5:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:6:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:6:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:6:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:6:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:6:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:6:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:6:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:6:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:6:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:6:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:6:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:7:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:7:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:7:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:7:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:7:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:7:PCW:N	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:O	3:A:7:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:7:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:7:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:7:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:7:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:8:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:8:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:8:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:8:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:8:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:8:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:8:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:8:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:8:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:8:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:8:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:9:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:9:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:9:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:9:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:9:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:9:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:9:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:9:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:9:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:9:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:9:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:10:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:10:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:10:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:10:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:10:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:10:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:10:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:10:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:10:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:10:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:10:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:11:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:11:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:11:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:11:PCW:C14	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:O	3:A:11:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:11:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:11:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:11:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:11:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:11:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:11:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:12:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:12:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:12:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:12:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:12:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:12:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:12:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:12:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:12:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:12:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:12:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:13:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:13:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:13:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:13:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:13:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:13:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:13:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:13:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:13:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:13:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:13:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:14:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:14:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:14:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:14:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:14:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:14:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:14:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:14:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:14:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:14:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:14:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:15:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:15:PCW:C12	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:O	3:A:15:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:15:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:15:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:15:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:15:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:15:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:15:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:15:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:15:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:16:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:16:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:16:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:16:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:16:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:16:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:16:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:16:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:16:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:16:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:16:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:17:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:17:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:17:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:17:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:17:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:17:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:17:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:17:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:17:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:17:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:17:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:18:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:18:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:18:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:18:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:18:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:18:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:18:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:18:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:18:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:18:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:18:PCW:P	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:O	3:A:19:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:19:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:19:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:19:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:19:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:19:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:19:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:19:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:19:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:19:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:19:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:20:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:20:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:20:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:20:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:20:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:20:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:20:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:20:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:20:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:20:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:20:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:21:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:21:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:21:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:21:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:21:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:21:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:21:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:21:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:21:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:21:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:21:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:22:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:22:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:22:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:22:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:22:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:22:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:22:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:22:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:22:PCW:O3	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:O	3:A:22:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:22:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:23:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:23:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:23:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:23:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:23:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:23:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:23:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:23:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:23:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:23:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:23:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:24:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:24:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:24:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:24:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:24:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:24:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:24:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:24:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:24:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:24:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:24:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:25:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:25:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:25:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:25:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:25:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:25:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:25:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:25:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:25:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:25:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:25:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:26:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:26:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:26:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:26:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:26:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:26:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:26:PCW:O11	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:O	3:A:26:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:26:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:26:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:26:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:27:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:27:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:27:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:27:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:27:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:27:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:27:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:27:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:27:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:27:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:27:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:28:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:28:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:28:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:28:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:28:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:28:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:28:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:28:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:28:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:28:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:28:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:29:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:29:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:29:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:29:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:29:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:29:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:29:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:29:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:29:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:29:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:29:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:30:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:30:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:30:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:30:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:30:PCW:C15	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:O	3:A:30:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:30:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:30:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:30:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:30:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:30:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:31:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:31:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:31:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:31:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:31:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:31:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:31:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:31:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:31:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:31:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:31:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:32:PCW:C11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:32:PCW:C12	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:32:PCW:C13	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:32:PCW:C14	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:32:PCW:C15	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:32:PCW:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:32:PCW:O11	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:32:PCW:O2	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:32:PCW:O3	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:32:PCW:O31	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	3:A:32:PCW:P	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:33:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:33:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:33:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:33:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:33:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:33:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:33:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:33:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:33:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:33:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:34:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:34:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:34:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:34:17F:N1	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:O	4:A:34:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:34:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:34:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:34:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:34:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:34:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:35:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:35:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:35:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:35:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:35:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:35:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:35:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:35:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:35:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:35:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:36:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:36:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:36:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:36:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:36:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:36:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:36:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:36:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:36:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:36:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:37:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:37:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:37:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:37:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:37:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:37:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:37:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:37:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:37:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:37:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:38:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:38:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:38:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:38:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:38:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:38:17F:O4	7	2.56	0.25	2.57

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,52)	2:B:159:LEU:O	4:A:38:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:38:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:38:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:38:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:39:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:39:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:39:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:39:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:39:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:39:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:39:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:39:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:39:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:39:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:40:17F:C7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:40:17F:C8	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:40:17F:C9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:40:17F:N1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:40:17F:O10	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:40:17F:O4	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:40:17F:O5	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:40:17F:O7	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:40:17F:O9	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	4:A:40:17F:P1	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	2:B:1:MET:N	7	2.56	0.25	2.57
(1,52)	2:B:159:LEU:O	2:B:2:THR:N	7	2.56	0.25	2.57
(1,21)	3:A:21:PCW:C11	2:B:1:MET:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:1:MET:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:1:MET:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:1:MET:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:1:MET:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:1:MET:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:1:MET:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:1:MET:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:1:MET:SD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:2:THR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:2:THR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:2:THR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:2:THR:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:2:THR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:2:THR:HG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:2:THR:N	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:C11	2:B:2:THR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:2:THR:OG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:3:GLU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:3:GLU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:3:GLU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:3:GLU:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:3:GLU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:3:GLU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:3:GLU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:3:GLU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:3:GLU:OE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:3:GLU:OE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:4:TYR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:4:TYR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:4:TYR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:4:TYR:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:4:TYR:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:4:TYR:CE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:4:TYR:CE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:4:TYR:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:4:TYR:CZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:4:TYR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:4:TYR:HH	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:4:TYR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:4:TYR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:4:TYR:OH	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:47:ASP:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:47:ASP:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:47:ASP:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:47:ASP:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:47:ASP:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:47:ASP:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:47:ASP:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:47:ASP:OD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:47:ASP:OD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:48:GLY:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:48:GLY:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:48:GLY:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:48:GLY:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:48:GLY:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:49:GLU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:49:GLU:CA	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:C11	2:B:49:GLU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:49:GLU:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:49:GLU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:49:GLU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:49:GLU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:49:GLU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:49:GLU:OE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:49:GLU:OE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:50:THR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:50:THR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:50:THR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:50:THR:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:50:THR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:50:THR:HG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:50:THR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:50:THR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:50:THR:OG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:51:CYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:51:CYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:51:CYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:51:CYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:51:CYS:HG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:51:CYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:51:CYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:51:CYS:SG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:105:ASP:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:105:ASP:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:105:ASP:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:105:ASP:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:105:ASP:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:105:ASP:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:105:ASP:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:105:ASP:OD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:105:ASP:OD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:106:SER:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:106:SER:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:106:SER:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:106:SER:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:106:SER:HG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:106:SER:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:106:SER:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:106:SER:OG	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:C11	2:B:107:GLU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:107:GLU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:107:GLU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:107:GLU:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:107:GLU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:107:GLU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:107:GLU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:107:GLU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:107:GLU:OE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:107:GLU:OE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:132:ASP:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:132:ASP:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:132:ASP:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:132:ASP:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:132:ASP:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:132:ASP:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:132:ASP:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:132:ASP:OD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:132:ASP:OD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:133:LEU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:133:LEU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:133:LEU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:133:LEU:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:133:LEU:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:133:LEU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:133:LEU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:133:LEU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:133:LEU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:134:ALA:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:134:ALA:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:134:ALA:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:134:ALA:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:134:ALA:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:134:ALA:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:137:TYR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:137:TYR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:137:TYR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:137:TYR:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:137:TYR:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:137:TYR:CE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:137:TYR:CE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:137:TYR:CG	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:C11	2:B:137:TYR:CZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:137:TYR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:137:TYR:HH	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:137:TYR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:137:TYR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:137:TYR:OH	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:138:GLY:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:138:GLY:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:138:GLY:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:138:GLY:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:138:GLY:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:139:ILE:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:139:ILE:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:139:ILE:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:139:ILE:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:139:ILE:CG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:139:ILE:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:139:ILE:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:139:ILE:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:139:ILE:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:140:PRO:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:140:PRO:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:140:PRO:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:140:PRO:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:140:PRO:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:140:PRO:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:140:PRO:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:141:PHE:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:141:PHE:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:141:PHE:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:141:PHE:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:141:PHE:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:141:PHE:CE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:141:PHE:CE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:141:PHE:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:141:PHE:CZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:141:PHE:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:141:PHE:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:141:PHE:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:142:ILE:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:142:ILE:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:142:ILE:CB	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:C11	2:B:142:ILE:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:142:ILE:CG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:142:ILE:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:142:ILE:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:142:ILE:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:142:ILE:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:143:GLU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:143:GLU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:143:GLU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:143:GLU:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:143:GLU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:143:GLU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:143:GLU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:143:GLU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:143:GLU:OE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:143:GLU:OE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:158:THR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:158:THR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:158:THR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:158:THR:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:158:THR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:158:THR:HG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:158:THR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:158:THR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:158:THR:OG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:159:LEU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:159:LEU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:159:LEU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:159:LEU:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:159:LEU:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:159:LEU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:159:LEU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:159:LEU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:159:LEU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:160:VAL:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:160:VAL:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:160:VAL:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:160:VAL:CG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:160:VAL:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:160:VAL:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:160:VAL:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:160:VAL:O	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:C11	2:B:170:MET:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:170:MET:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:170:MET:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:170:MET:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:170:MET:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:170:MET:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:170:MET:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:170:MET:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:170:MET:SD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:171:SER:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:171:SER:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:171:SER:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:171:SER:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:171:SER:HG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:171:SER:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:171:SER:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:171:SER:OG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:172:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:172:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:172:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:172:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:172:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:172:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:172:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:172:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:172:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:172:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:172:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:172:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:172:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:173:ASP:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:173:ASP:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:173:ASP:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:173:ASP:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:173:ASP:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:173:ASP:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:173:ASP:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:173:ASP:OD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:173:ASP:OD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:174:GLY:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:174:GLY:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:174:GLY:H	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:C11	2:B:174:GLY:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:174:GLY:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:175:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:175:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:175:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:175:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:175:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:175:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:175:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:175:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:175:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:175:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:175:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:175:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:175:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:176:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:176:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:176:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:176:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:176:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:176:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:176:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:176:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:176:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:176:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:176:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:176:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:176:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:177:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:177:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:177:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:177:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:177:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:177:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:177:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:177:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:177:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:177:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:177:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:177:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:177:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:178:LYS:C	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:C11	2:B:178:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:178:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:178:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:178:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:178:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:178:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:178:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:178:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:178:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:178:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:178:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:178:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:184:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:184:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:184:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:184:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:184:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:184:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:184:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:184:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:184:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:184:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:184:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:184:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:184:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:185:CYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:185:CYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:185:CYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:185:CYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:185:CYS:HG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:185:CYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:185:CYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C11	2:B:185:CYS:SG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:1:MET:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:1:MET:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:1:MET:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:1:MET:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:1:MET:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:1:MET:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:1:MET:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:1:MET:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:1:MET:SD	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:C12	2:B:2:THR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:2:THR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:2:THR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:2:THR:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:2:THR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:2:THR:HG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:2:THR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:2:THR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:2:THR:OG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:3:GLU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:3:GLU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:3:GLU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:3:GLU:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:3:GLU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:3:GLU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:3:GLU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:3:GLU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:3:GLU:OE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:3:GLU:OE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:4:TYR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:4:TYR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:4:TYR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:4:TYR:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:4:TYR:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:4:TYR:CE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:4:TYR:CE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:4:TYR:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:4:TYR:CZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:4:TYR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:4:TYR:HH	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:4:TYR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:4:TYR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:4:TYR:OH	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:47:ASP:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:47:ASP:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:47:ASP:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:47:ASP:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:47:ASP:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:47:ASP:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:47:ASP:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:47:ASP:OD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:47:ASP:OD2	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:C12	2:B:48:GLY:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:48:GLY:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:48:GLY:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:48:GLY:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:48:GLY:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:49:GLU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:49:GLU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:49:GLU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:49:GLU:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:49:GLU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:49:GLU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:49:GLU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:49:GLU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:49:GLU:OE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:49:GLU:OE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:50:THR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:50:THR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:50:THR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:50:THR:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:50:THR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:50:THR:HG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:50:THR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:50:THR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:50:THR:OG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:51:CYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:51:CYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:51:CYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:51:CYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:51:CYS:HG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:51:CYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:51:CYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:51:CYS:SG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:105:ASP:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:105:ASP:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:105:ASP:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:105:ASP:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:105:ASP:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:105:ASP:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:105:ASP:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:105:ASP:OD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:105:ASP:OD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:106:SER:C	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:C12	2:B:106:SER:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:106:SER:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:106:SER:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:106:SER:HG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:106:SER:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:106:SER:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:106:SER:OG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:107:GLU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:107:GLU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:107:GLU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:107:GLU:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:107:GLU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:107:GLU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:107:GLU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:107:GLU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:107:GLU:OE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:107:GLU:OE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:132:ASP:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:132:ASP:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:132:ASP:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:132:ASP:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:132:ASP:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:132:ASP:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:132:ASP:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:132:ASP:OD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:132:ASP:OD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:133:LEU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:133:LEU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:133:LEU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:133:LEU:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:133:LEU:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:133:LEU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:133:LEU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:133:LEU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:133:LEU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:134:ALA:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:134:ALA:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:134:ALA:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:134:ALA:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:134:ALA:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:134:ALA:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:137:TYR:C	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:C12	2:B:137:TYR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:137:TYR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:137:TYR:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:137:TYR:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:137:TYR:CE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:137:TYR:CE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:137:TYR:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:137:TYR:CZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:137:TYR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:137:TYR:HH	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:137:TYR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:137:TYR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:137:TYR:OH	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:138:GLY:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:138:GLY:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:138:GLY:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:138:GLY:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:138:GLY:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:139:ILE:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:139:ILE:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:139:ILE:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:139:ILE:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:139:ILE:CG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:139:ILE:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:139:ILE:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:139:ILE:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:139:ILE:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:140:PRO:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:140:PRO:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:140:PRO:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:140:PRO:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:140:PRO:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:140:PRO:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:140:PRO:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:141:PHE:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:141:PHE:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:141:PHE:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:141:PHE:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:141:PHE:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:141:PHE:CE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:141:PHE:CE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:141:PHE:CG	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:C12	2:B:141:PHE:CZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:141:PHE:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:141:PHE:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:141:PHE:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:142:ILE:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:142:ILE:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:142:ILE:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:142:ILE:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:142:ILE:CG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:142:ILE:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:142:ILE:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:142:ILE:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:142:ILE:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:143:GLU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:143:GLU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:143:GLU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:143:GLU:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:143:GLU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:143:GLU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:143:GLU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:143:GLU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:143:GLU:OE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:143:GLU:OE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:158:THR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:158:THR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:158:THR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:158:THR:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:158:THR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:158:THR:HG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:158:THR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:158:THR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:158:THR:OG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:159:LEU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:159:LEU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:159:LEU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:159:LEU:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:159:LEU:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:159:LEU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:159:LEU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:159:LEU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:159:LEU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:160:VAL:C	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:C12	2:B:160:VAL:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:160:VAL:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:160:VAL:CG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:160:VAL:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:160:VAL:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:160:VAL:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:160:VAL:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:170:MET:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:170:MET:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:170:MET:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:170:MET:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:170:MET:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:170:MET:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:170:MET:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:170:MET:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:170:MET:SD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:171:SER:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:171:SER:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:171:SER:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:171:SER:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:171:SER:HG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:171:SER:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:171:SER:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:171:SER:OG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:172:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:172:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:172:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:172:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:172:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:172:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:172:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:172:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:172:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:172:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:172:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:172:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:172:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:173:ASP:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:173:ASP:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:173:ASP:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:173:ASP:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:173:ASP:H	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:C12	2:B:173:ASP:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:173:ASP:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:173:ASP:OD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:173:ASP:OD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:174:GLY:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:174:GLY:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:174:GLY:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:174:GLY:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:174:GLY:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:175:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:175:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:175:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:175:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:175:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:175:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:175:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:175:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:175:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:175:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:175:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:175:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:175:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:176:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:176:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:176:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:176:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:176:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:176:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:176:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:176:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:176:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:176:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:176:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:176:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:176:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:177:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:177:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:177:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:177:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:177:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:177:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:177:LYS:H	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:C12	2:B:177:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:177:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:177:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:177:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:177:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:177:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:178:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:178:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:178:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:178:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:178:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:178:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:178:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:178:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:178:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:178:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:178:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:178:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:178:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:184:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:184:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:184:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:184:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:184:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:184:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:184:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:184:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:184:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:184:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:184:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:184:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:184:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:185:CYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:185:CYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:185:CYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:185:CYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:185:CYS:HG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:185:CYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:185:CYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C12	2:B:185:CYS:SG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:1:MET:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:1:MET:CA	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:C13	2:B:1:MET:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:1:MET:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:1:MET:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:1:MET:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:1:MET:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:1:MET:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:1:MET:SD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:2:THR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:2:THR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:2:THR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:2:THR:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:2:THR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:2:THR:HG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:2:THR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:2:THR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:2:THR:OG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:3:GLU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:3:GLU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:3:GLU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:3:GLU:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:3:GLU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:3:GLU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:3:GLU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:3:GLU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:3:GLU:OE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:3:GLU:OE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:4:TYR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:4:TYR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:4:TYR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:4:TYR:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:4:TYR:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:4:TYR:CE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:4:TYR:CE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:4:TYR:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:4:TYR:CZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:4:TYR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:4:TYR:HH	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:4:TYR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:4:TYR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:4:TYR:OH	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:47:ASP:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:47:ASP:CA	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:C13	2:B:47:ASP:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:47:ASP:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:47:ASP:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:47:ASP:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:47:ASP:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:47:ASP:OD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:47:ASP:OD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:48:GLY:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:48:GLY:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:48:GLY:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:48:GLY:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:48:GLY:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:49:GLU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:49:GLU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:49:GLU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:49:GLU:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:49:GLU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:49:GLU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:49:GLU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:49:GLU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:49:GLU:OE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:49:GLU:OE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:50:THR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:50:THR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:50:THR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:50:THR:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:50:THR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:50:THR:HG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:50:THR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:50:THR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:50:THR:OG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:51:CYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:51:CYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:51:CYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:51:CYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:51:CYS:HG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:51:CYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:51:CYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:51:CYS:SG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:105:ASP:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:105:ASP:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:105:ASP:CB	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:C13	2:B:105:ASP:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:105:ASP:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:105:ASP:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:105:ASP:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:105:ASP:OD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:105:ASP:OD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:106:SER:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:106:SER:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:106:SER:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:106:SER:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:106:SER:HG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:106:SER:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:106:SER:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:106:SER:OG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:107:GLU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:107:GLU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:107:GLU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:107:GLU:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:107:GLU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:107:GLU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:107:GLU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:107:GLU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:107:GLU:OE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:107:GLU:OE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:132:ASP:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:132:ASP:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:132:ASP:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:132:ASP:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:132:ASP:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:132:ASP:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:132:ASP:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:132:ASP:OD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:132:ASP:OD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:133:LEU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:133:LEU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:133:LEU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:133:LEU:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:133:LEU:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:133:LEU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:133:LEU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:133:LEU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:133:LEU:O	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:C13	2:B:134:ALA:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:134:ALA:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:134:ALA:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:134:ALA:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:134:ALA:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:134:ALA:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:137:TYR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:137:TYR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:137:TYR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:137:TYR:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:137:TYR:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:137:TYR:CE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:137:TYR:CE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:137:TYR:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:137:TYR:CZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:137:TYR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:137:TYR:HH	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:137:TYR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:137:TYR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:137:TYR:OH	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:138:GLY:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:138:GLY:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:138:GLY:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:138:GLY:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:138:GLY:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:139:ILE:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:139:ILE:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:139:ILE:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:139:ILE:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:139:ILE:CG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:139:ILE:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:139:ILE:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:139:ILE:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:139:ILE:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:140:PRO:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:140:PRO:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:140:PRO:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:140:PRO:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:140:PRO:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:140:PRO:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:140:PRO:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:141:PHE:C	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:C13	2:B:141:PHE:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:141:PHE:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:141:PHE:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:141:PHE:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:141:PHE:CE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:141:PHE:CE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:141:PHE:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:141:PHE:CZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:141:PHE:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:141:PHE:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:141:PHE:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:142:ILE:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:142:ILE:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:142:ILE:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:142:ILE:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:142:ILE:CG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:142:ILE:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:142:ILE:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:142:ILE:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:142:ILE:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:143:GLU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:143:GLU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:143:GLU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:143:GLU:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:143:GLU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:143:GLU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:143:GLU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:143:GLU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:143:GLU:OE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:143:GLU:OE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:158:THR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:158:THR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:158:THR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:158:THR:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:158:THR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:158:THR:HG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:158:THR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:158:THR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:158:THR:OG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:159:LEU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:159:LEU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:159:LEU:CB	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:C13	2:B:159:LEU:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:159:LEU:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:159:LEU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:159:LEU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:159:LEU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:159:LEU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:160:VAL:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:160:VAL:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:160:VAL:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:160:VAL:CG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:160:VAL:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:160:VAL:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:160:VAL:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:160:VAL:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:170:MET:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:170:MET:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:170:MET:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:170:MET:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:170:MET:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:170:MET:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:170:MET:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:170:MET:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:170:MET:SD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:171:SER:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:171:SER:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:171:SER:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:171:SER:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:171:SER:HG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:171:SER:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:171:SER:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:171:SER:OG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:172:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:172:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:172:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:172:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:172:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:172:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:172:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:172:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:172:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:172:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:172:LYS:N	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:C13	2:B:172:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:172:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:173:ASP:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:173:ASP:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:173:ASP:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:173:ASP:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:173:ASP:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:173:ASP:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:173:ASP:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:173:ASP:OD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:173:ASP:OD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:174:GLY:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:174:GLY:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:174:GLY:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:174:GLY:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:174:GLY:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:175:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:175:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:175:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:175:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:175:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:175:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:175:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:175:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:175:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:175:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:175:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:175:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:175:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:176:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:176:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:176:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:176:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:176:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:176:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:176:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:176:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:176:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:176:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:176:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:176:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:176:LYS:O	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:C13	2:B:177:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:177:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:177:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:177:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:177:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:177:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:177:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:177:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:177:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:177:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:177:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:177:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:177:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:178:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:178:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:178:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:178:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:178:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:178:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:178:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:178:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:178:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:178:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:178:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:178:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:178:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:184:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:184:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:184:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:184:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:184:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:184:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:184:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:184:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:184:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:184:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:184:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:184:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:184:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:185:CYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:185:CYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:185:CYS:CB	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:C13	2:B:185:CYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:185:CYS:HG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:185:CYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:185:CYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C13	2:B:185:CYS:SG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:1:MET:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:1:MET:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:1:MET:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:1:MET:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:1:MET:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:1:MET:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:1:MET:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:1:MET:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:1:MET:SD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:2:THR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:2:THR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:2:THR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:2:THR:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:2:THR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:2:THR:HG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:2:THR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:2:THR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:2:THR:OG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:3:GLU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:3:GLU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:3:GLU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:3:GLU:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:3:GLU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:3:GLU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:3:GLU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:3:GLU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:3:GLU:OE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:3:GLU:OE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:4:TYR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:4:TYR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:4:TYR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:4:TYR:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:4:TYR:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:4:TYR:CE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:4:TYR:CE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:4:TYR:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:4:TYR:CZ	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:C14	2:B:4:TYR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:4:TYR:HH	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:4:TYR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:4:TYR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:4:TYR:OH	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:47:ASP:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:47:ASP:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:47:ASP:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:47:ASP:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:47:ASP:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:47:ASP:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:47:ASP:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:47:ASP:OD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:47:ASP:OD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:48:GLY:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:48:GLY:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:48:GLY:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:48:GLY:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:48:GLY:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:49:GLU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:49:GLU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:49:GLU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:49:GLU:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:49:GLU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:49:GLU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:49:GLU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:49:GLU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:49:GLU:OE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:49:GLU:OE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:50:THR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:50:THR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:50:THR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:50:THR:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:50:THR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:50:THR:HG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:50:THR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:50:THR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:50:THR:OG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:51:CYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:51:CYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:51:CYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:51:CYS:H	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:C14	2:B:51:CYS:HG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:51:CYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:51:CYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:51:CYS:SG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:105:ASP:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:105:ASP:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:105:ASP:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:105:ASP:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:105:ASP:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:105:ASP:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:105:ASP:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:105:ASP:OD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:105:ASP:OD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:106:SER:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:106:SER:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:106:SER:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:106:SER:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:106:SER:HG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:106:SER:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:106:SER:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:106:SER:OG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:107:GLU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:107:GLU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:107:GLU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:107:GLU:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:107:GLU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:107:GLU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:107:GLU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:107:GLU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:107:GLU:OE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:107:GLU:OE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:132:ASP:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:132:ASP:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:132:ASP:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:132:ASP:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:132:ASP:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:132:ASP:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:132:ASP:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:132:ASP:OD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:132:ASP:OD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:133:LEU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:133:LEU:CA	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:C14	2:B:133:LEU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:133:LEU:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:133:LEU:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:133:LEU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:133:LEU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:133:LEU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:133:LEU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:134:ALA:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:134:ALA:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:134:ALA:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:134:ALA:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:134:ALA:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:134:ALA:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:137:TYR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:137:TYR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:137:TYR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:137:TYR:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:137:TYR:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:137:TYR:CE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:137:TYR:CE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:137:TYR:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:137:TYR:CZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:137:TYR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:137:TYR:HH	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:137:TYR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:137:TYR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:137:TYR:OH	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:138:GLY:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:138:GLY:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:138:GLY:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:138:GLY:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:138:GLY:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:139:ILE:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:139:ILE:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:139:ILE:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:139:ILE:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:139:ILE:CG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:139:ILE:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:139:ILE:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:139:ILE:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:139:ILE:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:140:PRO:C	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:C14	2:B:140:PRO:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:140:PRO:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:140:PRO:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:140:PRO:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:140:PRO:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:140:PRO:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:141:PHE:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:141:PHE:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:141:PHE:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:141:PHE:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:141:PHE:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:141:PHE:CE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:141:PHE:CE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:141:PHE:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:141:PHE:CZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:141:PHE:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:141:PHE:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:141:PHE:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:142:ILE:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:142:ILE:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:142:ILE:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:142:ILE:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:142:ILE:CG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:142:ILE:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:142:ILE:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:142:ILE:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:142:ILE:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:143:GLU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:143:GLU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:143:GLU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:143:GLU:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:143:GLU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:143:GLU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:143:GLU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:143:GLU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:143:GLU:OE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:143:GLU:OE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:158:THR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:158:THR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:158:THR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:158:THR:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:158:THR:H	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:C14	2:B:158:THR:HG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:158:THR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:158:THR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:158:THR:OG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:159:LEU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:159:LEU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:159:LEU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:159:LEU:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:159:LEU:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:159:LEU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:159:LEU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:159:LEU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:159:LEU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:160:VAL:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:160:VAL:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:160:VAL:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:160:VAL:CG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:160:VAL:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:160:VAL:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:160:VAL:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:160:VAL:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:170:MET:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:170:MET:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:170:MET:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:170:MET:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:170:MET:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:170:MET:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:170:MET:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:170:MET:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:170:MET:SD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:171:SER:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:171:SER:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:171:SER:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:171:SER:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:171:SER:HG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:171:SER:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:171:SER:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:171:SER:OG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:172:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:172:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:172:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:172:LYS:CD	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:C14	2:B:172:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:172:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:172:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:172:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:172:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:172:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:172:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:172:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:172:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:173:ASP:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:173:ASP:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:173:ASP:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:173:ASP:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:173:ASP:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:173:ASP:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:173:ASP:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:173:ASP:OD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:173:ASP:OD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:174:GLY:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:174:GLY:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:174:GLY:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:174:GLY:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:174:GLY:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:175:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:175:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:175:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:175:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:175:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:175:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:175:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:175:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:175:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:175:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:175:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:175:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:175:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:176:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:176:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:176:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:176:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:176:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:176:LYS:CG	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:C14	2:B:176:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:176:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:176:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:176:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:176:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:176:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:176:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:177:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:177:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:177:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:177:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:177:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:177:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:177:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:177:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:177:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:177:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:177:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:177:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:177:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:178:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:178:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:178:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:178:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:178:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:178:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:178:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:178:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:178:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:178:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:178:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:178:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:178:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:184:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:184:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:184:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:184:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:184:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:184:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:184:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:184:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:184:LYS:HZ2	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:C14	2:B:184:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:184:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:184:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:184:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:185:CYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:185:CYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:185:CYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:185:CYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:185:CYS:HG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:185:CYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:185:CYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C14	2:B:185:CYS:SG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:1:MET:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:1:MET:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:1:MET:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:1:MET:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:1:MET:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:1:MET:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:1:MET:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:1:MET:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:1:MET:SD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:2:THR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:2:THR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:2:THR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:2:THR:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:2:THR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:2:THR:HG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:2:THR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:2:THR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:2:THR:OG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:3:GLU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:3:GLU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:3:GLU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:3:GLU:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:3:GLU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:3:GLU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:3:GLU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:3:GLU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:3:GLU:OE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:3:GLU:OE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:4:TYR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:4:TYR:CA	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:C15	2:B:4:TYR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:4:TYR:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:4:TYR:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:4:TYR:CE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:4:TYR:CE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:4:TYR:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:4:TYR:CZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:4:TYR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:4:TYR:HH	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:4:TYR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:4:TYR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:4:TYR:OH	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:47:ASP:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:47:ASP:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:47:ASP:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:47:ASP:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:47:ASP:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:47:ASP:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:47:ASP:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:47:ASP:OD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:47:ASP:OD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:48:GLY:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:48:GLY:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:48:GLY:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:48:GLY:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:48:GLY:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:49:GLU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:49:GLU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:49:GLU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:49:GLU:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:49:GLU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:49:GLU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:49:GLU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:49:GLU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:49:GLU:OE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:49:GLU:OE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:50:THR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:50:THR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:50:THR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:50:THR:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:50:THR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:50:THR:HG1	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:C15	2:B:50:THR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:50:THR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:50:THR:OG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:51:CYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:51:CYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:51:CYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:51:CYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:51:CYS:HG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:51:CYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:51:CYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:51:CYS:SG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:105:ASP:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:105:ASP:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:105:ASP:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:105:ASP:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:105:ASP:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:105:ASP:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:105:ASP:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:105:ASP:OD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:105:ASP:OD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:106:SER:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:106:SER:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:106:SER:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:106:SER:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:106:SER:HG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:106:SER:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:106:SER:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:106:SER:OG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:107:GLU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:107:GLU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:107:GLU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:107:GLU:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:107:GLU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:107:GLU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:107:GLU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:107:GLU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:107:GLU:OE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:107:GLU:OE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:132:ASP:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:132:ASP:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:132:ASP:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:132:ASP:CG	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:C15	2:B:132:ASP:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:132:ASP:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:132:ASP:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:132:ASP:OD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:132:ASP:OD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:133:LEU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:133:LEU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:133:LEU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:133:LEU:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:133:LEU:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:133:LEU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:133:LEU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:133:LEU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:133:LEU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:134:ALA:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:134:ALA:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:134:ALA:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:134:ALA:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:134:ALA:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:134:ALA:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:137:TYR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:137:TYR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:137:TYR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:137:TYR:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:137:TYR:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:137:TYR:CE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:137:TYR:CE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:137:TYR:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:137:TYR:CZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:137:TYR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:137:TYR:HH	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:137:TYR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:137:TYR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:137:TYR:OH	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:138:GLY:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:138:GLY:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:138:GLY:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:138:GLY:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:138:GLY:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:139:ILE:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:139:ILE:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:139:ILE:CB	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:C15	2:B:139:ILE:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:139:ILE:CG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:139:ILE:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:139:ILE:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:139:ILE:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:139:ILE:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:140:PRO:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:140:PRO:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:140:PRO:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:140:PRO:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:140:PRO:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:140:PRO:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:140:PRO:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:141:PHE:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:141:PHE:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:141:PHE:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:141:PHE:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:141:PHE:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:141:PHE:CE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:141:PHE:CE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:141:PHE:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:141:PHE:CZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:141:PHE:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:141:PHE:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:141:PHE:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:142:ILE:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:142:ILE:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:142:ILE:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:142:ILE:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:142:ILE:CG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:142:ILE:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:142:ILE:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:142:ILE:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:142:ILE:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:143:GLU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:143:GLU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:143:GLU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:143:GLU:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:143:GLU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:143:GLU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:143:GLU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:143:GLU:O	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:C15	2:B:143:GLU:OE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:143:GLU:OE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:158:THR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:158:THR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:158:THR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:158:THR:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:158:THR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:158:THR:HG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:158:THR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:158:THR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:158:THR:OG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:159:LEU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:159:LEU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:159:LEU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:159:LEU:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:159:LEU:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:159:LEU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:159:LEU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:159:LEU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:159:LEU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:160:VAL:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:160:VAL:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:160:VAL:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:160:VAL:CG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:160:VAL:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:160:VAL:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:160:VAL:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:160:VAL:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:170:MET:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:170:MET:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:170:MET:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:170:MET:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:170:MET:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:170:MET:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:170:MET:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:170:MET:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:170:MET:SD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:171:SER:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:171:SER:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:171:SER:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:171:SER:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:171:SER:HG	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:C15	2:B:171:SER:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:171:SER:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:171:SER:OG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:172:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:172:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:172:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:172:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:172:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:172:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:172:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:172:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:172:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:172:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:172:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:172:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:172:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:173:ASP:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:173:ASP:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:173:ASP:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:173:ASP:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:173:ASP:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:173:ASP:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:173:ASP:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:173:ASP:OD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:173:ASP:OD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:174:GLY:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:174:GLY:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:174:GLY:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:174:GLY:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:174:GLY:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:175:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:175:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:175:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:175:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:175:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:175:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:175:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:175:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:175:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:175:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:175:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:175:LYS:NZ	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:C15	2:B:175:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:176:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:176:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:176:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:176:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:176:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:176:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:176:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:176:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:176:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:176:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:176:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:176:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:176:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:177:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:177:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:177:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:177:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:177:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:177:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:177:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:177:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:177:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:177:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:177:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:177:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:177:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:178:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:178:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:178:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:178:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:178:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:178:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:178:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:178:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:178:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:178:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:178:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:178:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:178:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:184:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:184:LYS:CA	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:C15	2:B:184:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:184:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:184:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:184:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:184:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:184:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:184:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:184:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:184:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:184:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:184:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:185:CYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:185:CYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:185:CYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:185:CYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:185:CYS:HG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:185:CYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:185:CYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:C15	2:B:185:CYS:SG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:1:MET:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:1:MET:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:1:MET:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:1:MET:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:1:MET:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:1:MET:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:1:MET:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:1:MET:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:1:MET:SD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:2:THR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:2:THR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:2:THR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:2:THR:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:2:THR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:2:THR:HG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:2:THR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:2:THR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:2:THR:OG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:3:GLU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:3:GLU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:3:GLU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:3:GLU:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:3:GLU:CG	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:N	2:B:3:GLU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:3:GLU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:3:GLU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:3:GLU:OE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:3:GLU:OE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:4:TYR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:4:TYR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:4:TYR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:4:TYR:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:4:TYR:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:4:TYR:CE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:4:TYR:CE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:4:TYR:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:4:TYR:CZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:4:TYR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:4:TYR:HH	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:4:TYR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:4:TYR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:4:TYR:OH	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:47:ASP:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:47:ASP:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:47:ASP:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:47:ASP:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:47:ASP:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:47:ASP:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:47:ASP:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:47:ASP:OD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:47:ASP:OD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:48:GLY:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:48:GLY:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:48:GLY:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:48:GLY:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:48:GLY:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:49:GLU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:49:GLU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:49:GLU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:49:GLU:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:49:GLU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:49:GLU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:49:GLU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:49:GLU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:49:GLU:OE1	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:N	2:B:49:GLU:OE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:50:THR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:50:THR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:50:THR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:50:THR:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:50:THR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:50:THR:HG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:50:THR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:50:THR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:50:THR:OG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:51:CYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:51:CYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:51:CYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:51:CYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:51:CYS:HG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:51:CYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:51:CYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:51:CYS:SG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:105:ASP:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:105:ASP:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:105:ASP:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:105:ASP:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:105:ASP:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:105:ASP:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:105:ASP:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:105:ASP:OD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:105:ASP:OD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:106:SER:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:106:SER:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:106:SER:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:106:SER:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:106:SER:HG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:106:SER:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:106:SER:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:106:SER:OG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:107:GLU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:107:GLU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:107:GLU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:107:GLU:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:107:GLU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:107:GLU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:107:GLU:N	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:N	2:B:107:GLU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:107:GLU:OE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:107:GLU:OE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:132:ASP:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:132:ASP:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:132:ASP:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:132:ASP:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:132:ASP:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:132:ASP:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:132:ASP:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:132:ASP:OD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:132:ASP:OD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:133:LEU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:133:LEU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:133:LEU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:133:LEU:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:133:LEU:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:133:LEU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:133:LEU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:133:LEU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:133:LEU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:134:ALA:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:134:ALA:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:134:ALA:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:134:ALA:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:134:ALA:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:134:ALA:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:137:TYR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:137:TYR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:137:TYR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:137:TYR:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:137:TYR:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:137:TYR:CE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:137:TYR:CE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:137:TYR:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:137:TYR:CZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:137:TYR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:137:TYR:HH	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:137:TYR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:137:TYR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:137:TYR:OH	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:138:GLY:C	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:N	2:B:138:GLY:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:138:GLY:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:138:GLY:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:138:GLY:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:139:ILE:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:139:ILE:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:139:ILE:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:139:ILE:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:139:ILE:CG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:139:ILE:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:139:ILE:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:139:ILE:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:139:ILE:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:140:PRO:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:140:PRO:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:140:PRO:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:140:PRO:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:140:PRO:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:140:PRO:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:140:PRO:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:141:PHE:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:141:PHE:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:141:PHE:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:141:PHE:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:141:PHE:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:141:PHE:CE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:141:PHE:CE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:141:PHE:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:141:PHE:CZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:141:PHE:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:141:PHE:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:141:PHE:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:142:ILE:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:142:ILE:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:142:ILE:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:142:ILE:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:142:ILE:CG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:142:ILE:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:142:ILE:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:142:ILE:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:142:ILE:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:143:GLU:C	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:N	2:B:143:GLU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:143:GLU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:143:GLU:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:143:GLU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:143:GLU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:143:GLU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:143:GLU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:143:GLU:OE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:143:GLU:OE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:158:THR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:158:THR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:158:THR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:158:THR:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:158:THR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:158:THR:HG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:158:THR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:158:THR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:158:THR:OG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:159:LEU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:159:LEU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:159:LEU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:159:LEU:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:159:LEU:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:159:LEU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:159:LEU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:159:LEU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:159:LEU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:160:VAL:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:160:VAL:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:160:VAL:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:160:VAL:CG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:160:VAL:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:160:VAL:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:160:VAL:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:160:VAL:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:170:MET:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:170:MET:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:170:MET:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:170:MET:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:170:MET:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:170:MET:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:170:MET:N	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:N	2:B:170:MET:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:170:MET:SD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:171:SER:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:171:SER:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:171:SER:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:171:SER:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:171:SER:HG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:171:SER:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:171:SER:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:171:SER:OG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:172:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:172:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:172:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:172:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:172:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:172:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:172:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:172:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:172:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:172:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:172:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:172:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:172:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:173:ASP:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:173:ASP:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:173:ASP:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:173:ASP:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:173:ASP:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:173:ASP:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:173:ASP:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:173:ASP:OD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:173:ASP:OD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:174:GLY:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:174:GLY:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:174:GLY:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:174:GLY:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:174:GLY:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:175:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:175:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:175:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:175:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:175:LYS:CE	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:N	2:B:175:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:175:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:175:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:175:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:175:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:175:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:175:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:175:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:176:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:176:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:176:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:176:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:176:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:176:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:176:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:176:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:176:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:176:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:176:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:176:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:176:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:177:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:177:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:177:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:177:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:177:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:177:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:177:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:177:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:177:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:177:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:177:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:177:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:177:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:178:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:178:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:178:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:178:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:178:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:178:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:178:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:178:LYS:HZ1	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:N	2:B:178:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:178:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:178:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:178:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:178:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:184:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:184:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:184:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:184:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:184:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:184:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:184:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:184:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:184:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:184:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:184:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:184:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:184:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:185:CYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:185:CYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:185:CYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:185:CYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:185:CYS:HG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:185:CYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:185:CYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:N	2:B:185:CYS:SG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:1:MET:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:1:MET:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:1:MET:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:1:MET:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:1:MET:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:1:MET:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:1:MET:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:1:MET:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:1:MET:SD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:2:THR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:2:THR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:2:THR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:2:THR:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:2:THR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:2:THR:HG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:2:THR:N	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:O11	2:B:2:THR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:2:THR:OG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:3:GLU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:3:GLU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:3:GLU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:3:GLU:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:3:GLU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:3:GLU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:3:GLU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:3:GLU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:3:GLU:OE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:3:GLU:OE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:4:TYR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:4:TYR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:4:TYR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:4:TYR:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:4:TYR:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:4:TYR:CE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:4:TYR:CE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:4:TYR:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:4:TYR:CZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:4:TYR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:4:TYR:HH	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:4:TYR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:4:TYR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:4:TYR:OH	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:47:ASP:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:47:ASP:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:47:ASP:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:47:ASP:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:47:ASP:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:47:ASP:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:47:ASP:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:47:ASP:OD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:47:ASP:OD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:48:GLY:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:48:GLY:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:48:GLY:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:48:GLY:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:48:GLY:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:49:GLU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:49:GLU:CA	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:O11	2:B:49:GLU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:49:GLU:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:49:GLU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:49:GLU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:49:GLU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:49:GLU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:49:GLU:OE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:49:GLU:OE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:50:THR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:50:THR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:50:THR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:50:THR:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:50:THR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:50:THR:HG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:50:THR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:50:THR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:50:THR:OG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:51:CYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:51:CYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:51:CYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:51:CYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:51:CYS:HG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:51:CYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:51:CYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:51:CYS:SG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:105:ASP:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:105:ASP:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:105:ASP:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:105:ASP:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:105:ASP:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:105:ASP:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:105:ASP:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:105:ASP:OD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:105:ASP:OD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:106:SER:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:106:SER:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:106:SER:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:106:SER:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:106:SER:HG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:106:SER:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:106:SER:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:106:SER:OG	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:O11	2:B:107:GLU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:107:GLU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:107:GLU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:107:GLU:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:107:GLU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:107:GLU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:107:GLU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:107:GLU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:107:GLU:OE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:107:GLU:OE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:132:ASP:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:132:ASP:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:132:ASP:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:132:ASP:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:132:ASP:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:132:ASP:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:132:ASP:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:132:ASP:OD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:132:ASP:OD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:133:LEU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:133:LEU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:133:LEU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:133:LEU:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:133:LEU:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:133:LEU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:133:LEU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:133:LEU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:133:LEU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:134:ALA:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:134:ALA:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:134:ALA:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:134:ALA:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:134:ALA:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:134:ALA:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:137:TYR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:137:TYR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:137:TYR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:137:TYR:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:137:TYR:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:137:TYR:CE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:137:TYR:CE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:137:TYR:CG	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:O11	2:B:137:TYR:CZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:137:TYR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:137:TYR:HH	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:137:TYR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:137:TYR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:137:TYR:OH	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:138:GLY:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:138:GLY:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:138:GLY:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:138:GLY:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:138:GLY:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:139:ILE:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:139:ILE:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:139:ILE:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:139:ILE:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:139:ILE:CG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:139:ILE:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:139:ILE:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:139:ILE:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:139:ILE:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:140:PRO:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:140:PRO:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:140:PRO:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:140:PRO:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:140:PRO:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:140:PRO:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:140:PRO:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:141:PHE:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:141:PHE:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:141:PHE:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:141:PHE:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:141:PHE:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:141:PHE:CE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:141:PHE:CE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:141:PHE:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:141:PHE:CZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:141:PHE:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:141:PHE:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:141:PHE:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:142:ILE:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:142:ILE:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:142:ILE:CB	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:O11	2:B:142:ILE:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:142:ILE:CG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:142:ILE:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:142:ILE:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:142:ILE:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:142:ILE:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:143:GLU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:143:GLU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:143:GLU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:143:GLU:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:143:GLU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:143:GLU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:143:GLU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:143:GLU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:143:GLU:OE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:143:GLU:OE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:158:THR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:158:THR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:158:THR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:158:THR:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:158:THR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:158:THR:HG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:158:THR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:158:THR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:158:THR:OG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:159:LEU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:159:LEU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:159:LEU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:159:LEU:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:159:LEU:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:159:LEU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:159:LEU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:159:LEU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:159:LEU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:160:VAL:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:160:VAL:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:160:VAL:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:160:VAL:CG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:160:VAL:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:160:VAL:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:160:VAL:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:160:VAL:O	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:O11	2:B:170:MET:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:170:MET:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:170:MET:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:170:MET:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:170:MET:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:170:MET:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:170:MET:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:170:MET:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:170:MET:SD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:171:SER:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:171:SER:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:171:SER:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:171:SER:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:171:SER:HG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:171:SER:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:171:SER:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:171:SER:OG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:172:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:172:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:172:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:172:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:172:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:172:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:172:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:172:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:172:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:172:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:172:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:172:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:172:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:173:ASP:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:173:ASP:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:173:ASP:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:173:ASP:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:173:ASP:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:173:ASP:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:173:ASP:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:173:ASP:OD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:173:ASP:OD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:174:GLY:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:174:GLY:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:174:GLY:H	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:O11	2:B:174:GLY:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:174:GLY:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:175:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:175:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:175:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:175:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:175:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:175:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:175:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:175:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:175:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:175:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:175:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:175:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:175:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:176:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:176:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:176:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:176:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:176:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:176:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:176:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:176:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:176:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:176:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:176:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:176:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:176:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:177:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:177:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:177:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:177:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:177:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:177:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:177:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:177:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:177:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:177:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:177:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:177:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:177:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:178:LYS:C	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:O11	2:B:178:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:178:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:178:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:178:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:178:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:178:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:178:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:178:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:178:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:178:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:178:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:178:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:184:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:184:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:184:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:184:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:184:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:184:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:184:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:184:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:184:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:184:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:184:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:184:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:184:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:185:CYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:185:CYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:185:CYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:185:CYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:185:CYS:HG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:185:CYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:185:CYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O11	2:B:185:CYS:SG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:1:MET:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:1:MET:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:1:MET:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:1:MET:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:1:MET:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:1:MET:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:1:MET:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:1:MET:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:1:MET:SD	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:O2	2:B:2:THR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:2:THR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:2:THR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:2:THR:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:2:THR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:2:THR:HG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:2:THR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:2:THR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:2:THR:OG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:3:GLU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:3:GLU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:3:GLU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:3:GLU:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:3:GLU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:3:GLU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:3:GLU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:3:GLU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:3:GLU:OE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:3:GLU:OE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:4:TYR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:4:TYR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:4:TYR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:4:TYR:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:4:TYR:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:4:TYR:CE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:4:TYR:CE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:4:TYR:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:4:TYR:CZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:4:TYR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:4:TYR:HH	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:4:TYR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:4:TYR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:4:TYR:OH	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:47:ASP:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:47:ASP:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:47:ASP:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:47:ASP:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:47:ASP:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:47:ASP:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:47:ASP:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:47:ASP:OD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:47:ASP:OD2	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:O2	2:B:48:GLY:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:48:GLY:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:48:GLY:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:48:GLY:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:48:GLY:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:49:GLU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:49:GLU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:49:GLU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:49:GLU:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:49:GLU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:49:GLU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:49:GLU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:49:GLU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:49:GLU:OE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:49:GLU:OE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:50:THR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:50:THR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:50:THR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:50:THR:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:50:THR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:50:THR:HG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:50:THR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:50:THR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:50:THR:OG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:51:CYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:51:CYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:51:CYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:51:CYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:51:CYS:HG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:51:CYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:51:CYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:51:CYS:SG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:105:ASP:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:105:ASP:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:105:ASP:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:105:ASP:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:105:ASP:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:105:ASP:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:105:ASP:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:105:ASP:OD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:105:ASP:OD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:106:SER:C	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:O2	2:B:106:SER:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:106:SER:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:106:SER:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:106:SER:HG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:106:SER:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:106:SER:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:106:SER:OG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:107:GLU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:107:GLU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:107:GLU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:107:GLU:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:107:GLU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:107:GLU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:107:GLU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:107:GLU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:107:GLU:OE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:107:GLU:OE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:132:ASP:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:132:ASP:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:132:ASP:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:132:ASP:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:132:ASP:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:132:ASP:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:132:ASP:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:132:ASP:OD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:132:ASP:OD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:133:LEU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:133:LEU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:133:LEU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:133:LEU:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:133:LEU:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:133:LEU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:133:LEU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:133:LEU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:133:LEU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:134:ALA:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:134:ALA:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:134:ALA:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:134:ALA:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:134:ALA:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:134:ALA:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:137:TYR:C	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:O2	2:B:137:TYR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:137:TYR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:137:TYR:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:137:TYR:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:137:TYR:CE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:137:TYR:CE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:137:TYR:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:137:TYR:CZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:137:TYR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:137:TYR:HH	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:137:TYR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:137:TYR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:137:TYR:OH	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:138:GLY:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:138:GLY:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:138:GLY:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:138:GLY:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:138:GLY:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:139:ILE:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:139:ILE:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:139:ILE:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:139:ILE:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:139:ILE:CG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:139:ILE:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:139:ILE:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:139:ILE:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:139:ILE:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:140:PRO:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:140:PRO:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:140:PRO:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:140:PRO:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:140:PRO:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:140:PRO:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:140:PRO:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:141:PHE:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:141:PHE:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:141:PHE:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:141:PHE:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:141:PHE:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:141:PHE:CE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:141:PHE:CE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:141:PHE:CG	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:O2	2:B:141:PHE:CZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:141:PHE:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:141:PHE:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:141:PHE:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:142:ILE:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:142:ILE:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:142:ILE:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:142:ILE:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:142:ILE:CG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:142:ILE:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:142:ILE:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:142:ILE:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:142:ILE:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:143:GLU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:143:GLU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:143:GLU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:143:GLU:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:143:GLU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:143:GLU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:143:GLU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:143:GLU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:143:GLU:OE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:143:GLU:OE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:158:THR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:158:THR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:158:THR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:158:THR:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:158:THR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:158:THR:HG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:158:THR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:158:THR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:158:THR:OG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:159:LEU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:159:LEU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:159:LEU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:159:LEU:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:159:LEU:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:159:LEU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:159:LEU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:159:LEU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:159:LEU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:160:VAL:C	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:O2	2:B:160:VAL:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:160:VAL:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:160:VAL:CG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:160:VAL:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:160:VAL:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:160:VAL:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:160:VAL:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:170:MET:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:170:MET:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:170:MET:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:170:MET:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:170:MET:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:170:MET:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:170:MET:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:170:MET:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:170:MET:SD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:171:SER:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:171:SER:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:171:SER:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:171:SER:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:171:SER:HG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:171:SER:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:171:SER:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:171:SER:OG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:172:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:172:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:172:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:172:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:172:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:172:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:172:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:172:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:172:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:172:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:172:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:172:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:172:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:173:ASP:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:173:ASP:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:173:ASP:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:173:ASP:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:173:ASP:H	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:O2	2:B:173:ASP:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:173:ASP:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:173:ASP:OD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:173:ASP:OD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:174:GLY:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:174:GLY:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:174:GLY:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:174:GLY:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:174:GLY:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:175:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:175:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:175:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:175:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:175:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:175:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:175:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:175:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:175:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:175:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:175:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:175:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:175:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:176:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:176:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:176:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:176:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:176:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:176:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:176:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:176:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:176:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:176:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:176:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:176:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:176:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:177:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:177:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:177:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:177:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:177:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:177:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:177:LYS:H	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:O2	2:B:177:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:177:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:177:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:177:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:177:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:177:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:178:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:178:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:178:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:178:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:178:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:178:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:178:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:178:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:178:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:178:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:178:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:178:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:178:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:184:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:184:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:184:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:184:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:184:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:184:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:184:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:184:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:184:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:184:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:184:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:184:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:184:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:185:CYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:185:CYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:185:CYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:185:CYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:185:CYS:HG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:185:CYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:185:CYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O2	2:B:185:CYS:SG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:1:MET:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:1:MET:CA	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:O3	2:B:1:MET:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:1:MET:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:1:MET:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:1:MET:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:1:MET:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:1:MET:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:1:MET:SD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:2:THR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:2:THR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:2:THR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:2:THR:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:2:THR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:2:THR:HG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:2:THR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:2:THR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:2:THR:OG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:3:GLU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:3:GLU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:3:GLU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:3:GLU:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:3:GLU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:3:GLU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:3:GLU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:3:GLU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:3:GLU:OE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:3:GLU:OE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:4:TYR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:4:TYR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:4:TYR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:4:TYR:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:4:TYR:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:4:TYR:CE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:4:TYR:CE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:4:TYR:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:4:TYR:CZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:4:TYR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:4:TYR:HH	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:4:TYR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:4:TYR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:4:TYR:OH	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:47:ASP:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:47:ASP:CA	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:O3	2:B:47:ASP:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:47:ASP:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:47:ASP:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:47:ASP:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:47:ASP:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:47:ASP:OD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:47:ASP:OD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:48:GLY:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:48:GLY:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:48:GLY:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:48:GLY:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:48:GLY:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:49:GLU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:49:GLU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:49:GLU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:49:GLU:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:49:GLU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:49:GLU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:49:GLU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:49:GLU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:49:GLU:OE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:49:GLU:OE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:50:THR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:50:THR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:50:THR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:50:THR:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:50:THR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:50:THR:HG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:50:THR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:50:THR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:50:THR:OG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:51:CYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:51:CYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:51:CYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:51:CYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:51:CYS:HG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:51:CYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:51:CYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:51:CYS:SG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:105:ASP:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:105:ASP:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:105:ASP:CB	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:O3	2:B:105:ASP:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:105:ASP:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:105:ASP:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:105:ASP:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:105:ASP:OD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:105:ASP:OD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:106:SER:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:106:SER:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:106:SER:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:106:SER:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:106:SER:HG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:106:SER:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:106:SER:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:106:SER:OG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:107:GLU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:107:GLU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:107:GLU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:107:GLU:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:107:GLU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:107:GLU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:107:GLU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:107:GLU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:107:GLU:OE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:107:GLU:OE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:132:ASP:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:132:ASP:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:132:ASP:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:132:ASP:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:132:ASP:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:132:ASP:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:132:ASP:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:132:ASP:OD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:132:ASP:OD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:133:LEU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:133:LEU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:133:LEU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:133:LEU:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:133:LEU:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:133:LEU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:133:LEU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:133:LEU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:133:LEU:O	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:O3	2:B:134:ALA:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:134:ALA:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:134:ALA:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:134:ALA:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:134:ALA:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:134:ALA:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:137:TYR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:137:TYR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:137:TYR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:137:TYR:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:137:TYR:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:137:TYR:CE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:137:TYR:CE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:137:TYR:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:137:TYR:CZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:137:TYR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:137:TYR:HH	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:137:TYR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:137:TYR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:137:TYR:OH	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:138:GLY:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:138:GLY:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:138:GLY:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:138:GLY:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:138:GLY:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:139:ILE:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:139:ILE:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:139:ILE:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:139:ILE:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:139:ILE:CG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:139:ILE:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:139:ILE:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:139:ILE:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:139:ILE:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:140:PRO:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:140:PRO:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:140:PRO:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:140:PRO:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:140:PRO:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:140:PRO:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:140:PRO:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:141:PHE:C	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:O3	2:B:141:PHE:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:141:PHE:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:141:PHE:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:141:PHE:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:141:PHE:CE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:141:PHE:CE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:141:PHE:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:141:PHE:CZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:141:PHE:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:141:PHE:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:141:PHE:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:142:ILE:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:142:ILE:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:142:ILE:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:142:ILE:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:142:ILE:CG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:142:ILE:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:142:ILE:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:142:ILE:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:142:ILE:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:143:GLU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:143:GLU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:143:GLU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:143:GLU:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:143:GLU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:143:GLU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:143:GLU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:143:GLU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:143:GLU:OE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:143:GLU:OE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:158:THR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:158:THR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:158:THR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:158:THR:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:158:THR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:158:THR:HG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:158:THR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:158:THR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:158:THR:OG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:159:LEU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:159:LEU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:159:LEU:CB	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:O3	2:B:159:LEU:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:159:LEU:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:159:LEU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:159:LEU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:159:LEU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:159:LEU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:160:VAL:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:160:VAL:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:160:VAL:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:160:VAL:CG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:160:VAL:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:160:VAL:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:160:VAL:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:160:VAL:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:170:MET:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:170:MET:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:170:MET:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:170:MET:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:170:MET:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:170:MET:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:170:MET:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:170:MET:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:170:MET:SD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:171:SER:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:171:SER:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:171:SER:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:171:SER:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:171:SER:HG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:171:SER:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:171:SER:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:171:SER:OG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:172:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:172:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:172:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:172:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:172:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:172:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:172:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:172:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:172:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:172:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:172:LYS:N	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:O3	2:B:172:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:172:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:173:ASP:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:173:ASP:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:173:ASP:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:173:ASP:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:173:ASP:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:173:ASP:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:173:ASP:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:173:ASP:OD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:173:ASP:OD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:174:GLY:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:174:GLY:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:174:GLY:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:174:GLY:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:174:GLY:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:175:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:175:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:175:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:175:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:175:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:175:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:175:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:175:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:175:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:175:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:175:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:175:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:175:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:176:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:176:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:176:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:176:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:176:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:176:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:176:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:176:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:176:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:176:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:176:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:176:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:176:LYS:O	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:O3	2:B:177:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:177:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:177:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:177:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:177:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:177:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:177:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:177:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:177:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:177:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:177:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:177:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:177:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:178:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:178:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:178:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:178:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:178:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:178:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:178:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:178:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:178:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:178:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:178:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:178:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:178:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:184:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:184:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:184:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:184:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:184:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:184:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:184:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:184:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:184:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:184:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:184:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:184:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:184:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:185:CYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:185:CYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:185:CYS:CB	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:O3	2:B:185:CYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:185:CYS:HG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:185:CYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:185:CYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O3	2:B:185:CYS:SG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:1:MET:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:1:MET:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:1:MET:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:1:MET:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:1:MET:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:1:MET:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:1:MET:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:1:MET:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:1:MET:SD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:2:THR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:2:THR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:2:THR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:2:THR:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:2:THR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:2:THR:HG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:2:THR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:2:THR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:2:THR:OG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:3:GLU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:3:GLU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:3:GLU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:3:GLU:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:3:GLU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:3:GLU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:3:GLU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:3:GLU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:3:GLU:OE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:3:GLU:OE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:4:TYR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:4:TYR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:4:TYR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:4:TYR:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:4:TYR:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:4:TYR:CE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:4:TYR:CE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:4:TYR:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:4:TYR:CZ	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:O31	2:B:4:TYR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:4:TYR:HH	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:4:TYR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:4:TYR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:4:TYR:OH	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:47:ASP:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:47:ASP:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:47:ASP:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:47:ASP:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:47:ASP:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:47:ASP:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:47:ASP:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:47:ASP:OD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:47:ASP:OD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:48:GLY:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:48:GLY:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:48:GLY:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:48:GLY:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:48:GLY:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:49:GLU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:49:GLU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:49:GLU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:49:GLU:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:49:GLU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:49:GLU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:49:GLU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:49:GLU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:49:GLU:OE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:49:GLU:OE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:50:THR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:50:THR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:50:THR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:50:THR:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:50:THR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:50:THR:HG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:50:THR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:50:THR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:50:THR:OG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:51:CYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:51:CYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:51:CYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:51:CYS:H	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:O31	2:B:51:CYS:HG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:51:CYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:51:CYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:51:CYS:SG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:105:ASP:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:105:ASP:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:105:ASP:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:105:ASP:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:105:ASP:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:105:ASP:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:105:ASP:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:105:ASP:OD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:105:ASP:OD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:106:SER:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:106:SER:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:106:SER:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:106:SER:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:106:SER:HG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:106:SER:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:106:SER:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:106:SER:OG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:107:GLU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:107:GLU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:107:GLU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:107:GLU:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:107:GLU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:107:GLU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:107:GLU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:107:GLU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:107:GLU:OE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:107:GLU:OE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:132:ASP:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:132:ASP:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:132:ASP:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:132:ASP:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:132:ASP:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:132:ASP:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:132:ASP:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:132:ASP:OD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:132:ASP:OD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:133:LEU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:133:LEU:CA	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:O31	2:B:133:LEU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:133:LEU:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:133:LEU:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:133:LEU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:133:LEU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:133:LEU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:133:LEU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:134:ALA:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:134:ALA:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:134:ALA:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:134:ALA:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:134:ALA:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:134:ALA:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:137:TYR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:137:TYR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:137:TYR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:137:TYR:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:137:TYR:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:137:TYR:CE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:137:TYR:CE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:137:TYR:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:137:TYR:CZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:137:TYR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:137:TYR:HH	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:137:TYR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:137:TYR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:137:TYR:OH	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:138:GLY:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:138:GLY:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:138:GLY:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:138:GLY:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:138:GLY:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:139:ILE:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:139:ILE:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:139:ILE:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:139:ILE:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:139:ILE:CG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:139:ILE:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:139:ILE:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:139:ILE:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:139:ILE:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:140:PRO:C	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:O31	2:B:140:PRO:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:140:PRO:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:140:PRO:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:140:PRO:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:140:PRO:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:140:PRO:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:141:PHE:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:141:PHE:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:141:PHE:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:141:PHE:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:141:PHE:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:141:PHE:CE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:141:PHE:CE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:141:PHE:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:141:PHE:CZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:141:PHE:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:141:PHE:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:141:PHE:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:142:ILE:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:142:ILE:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:142:ILE:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:142:ILE:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:142:ILE:CG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:142:ILE:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:142:ILE:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:142:ILE:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:142:ILE:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:143:GLU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:143:GLU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:143:GLU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:143:GLU:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:143:GLU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:143:GLU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:143:GLU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:143:GLU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:143:GLU:OE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:143:GLU:OE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:158:THR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:158:THR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:158:THR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:158:THR:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:158:THR:H	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:O31	2:B:158:THR:HG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:158:THR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:158:THR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:158:THR:OG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:159:LEU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:159:LEU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:159:LEU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:159:LEU:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:159:LEU:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:159:LEU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:159:LEU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:159:LEU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:159:LEU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:160:VAL:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:160:VAL:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:160:VAL:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:160:VAL:CG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:160:VAL:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:160:VAL:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:160:VAL:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:160:VAL:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:170:MET:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:170:MET:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:170:MET:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:170:MET:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:170:MET:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:170:MET:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:170:MET:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:170:MET:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:170:MET:SD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:171:SER:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:171:SER:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:171:SER:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:171:SER:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:171:SER:HG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:171:SER:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:171:SER:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:171:SER:OG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:172:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:172:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:172:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:172:LYS:CD	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:O31	2:B:172:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:172:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:172:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:172:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:172:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:172:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:172:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:172:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:172:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:173:ASP:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:173:ASP:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:173:ASP:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:173:ASP:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:173:ASP:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:173:ASP:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:173:ASP:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:173:ASP:OD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:173:ASP:OD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:174:GLY:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:174:GLY:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:174:GLY:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:174:GLY:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:174:GLY:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:175:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:175:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:175:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:175:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:175:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:175:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:175:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:175:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:175:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:175:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:175:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:175:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:175:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:176:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:176:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:176:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:176:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:176:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:176:LYS:CG	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:O31	2:B:176:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:176:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:176:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:176:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:176:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:176:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:176:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:177:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:177:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:177:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:177:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:177:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:177:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:177:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:177:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:177:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:177:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:177:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:177:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:177:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:178:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:178:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:178:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:178:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:178:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:178:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:178:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:178:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:178:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:178:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:178:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:178:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:178:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:184:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:184:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:184:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:184:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:184:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:184:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:184:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:184:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:184:LYS:HZ2	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:O31	2:B:184:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:184:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:184:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:184:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:185:CYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:185:CYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:185:CYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:185:CYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:185:CYS:HG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:185:CYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:185:CYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:O31	2:B:185:CYS:SG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:1:MET:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:1:MET:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:1:MET:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:1:MET:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:1:MET:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:1:MET:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:1:MET:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:1:MET:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:1:MET:SD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:2:THR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:2:THR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:2:THR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:2:THR:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:2:THR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:2:THR:HG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:2:THR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:2:THR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:2:THR:OG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:3:GLU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:3:GLU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:3:GLU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:3:GLU:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:3:GLU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:3:GLU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:3:GLU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:3:GLU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:3:GLU:OE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:3:GLU:OE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:4:TYR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:4:TYR:CA	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:P	2:B:4:TYR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:4:TYR:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:4:TYR:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:4:TYR:CE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:4:TYR:CE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:4:TYR:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:4:TYR:CZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:4:TYR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:4:TYR:HH	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:4:TYR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:4:TYR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:4:TYR:OH	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:47:ASP:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:47:ASP:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:47:ASP:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:47:ASP:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:47:ASP:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:47:ASP:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:47:ASP:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:47:ASP:OD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:47:ASP:OD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:48:GLY:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:48:GLY:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:48:GLY:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:48:GLY:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:48:GLY:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:49:GLU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:49:GLU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:49:GLU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:49:GLU:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:49:GLU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:49:GLU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:49:GLU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:49:GLU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:49:GLU:OE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:49:GLU:OE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:50:THR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:50:THR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:50:THR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:50:THR:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:50:THR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:50:THR:HG1	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:P	2:B:50:THR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:50:THR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:50:THR:OG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:51:CYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:51:CYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:51:CYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:51:CYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:51:CYS:HG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:51:CYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:51:CYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:51:CYS:SG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:105:ASP:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:105:ASP:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:105:ASP:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:105:ASP:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:105:ASP:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:105:ASP:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:105:ASP:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:105:ASP:OD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:105:ASP:OD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:106:SER:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:106:SER:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:106:SER:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:106:SER:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:106:SER:HG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:106:SER:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:106:SER:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:106:SER:OG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:107:GLU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:107:GLU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:107:GLU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:107:GLU:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:107:GLU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:107:GLU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:107:GLU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:107:GLU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:107:GLU:OE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:107:GLU:OE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:132:ASP:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:132:ASP:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:132:ASP:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:132:ASP:CG	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:P	2:B:132:ASP:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:132:ASP:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:132:ASP:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:132:ASP:OD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:132:ASP:OD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:133:LEU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:133:LEU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:133:LEU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:133:LEU:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:133:LEU:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:133:LEU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:133:LEU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:133:LEU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:133:LEU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:134:ALA:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:134:ALA:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:134:ALA:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:134:ALA:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:134:ALA:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:134:ALA:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:137:TYR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:137:TYR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:137:TYR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:137:TYR:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:137:TYR:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:137:TYR:CE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:137:TYR:CE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:137:TYR:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:137:TYR:CZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:137:TYR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:137:TYR:HH	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:137:TYR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:137:TYR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:137:TYR:OH	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:138:GLY:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:138:GLY:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:138:GLY:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:138:GLY:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:138:GLY:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:139:ILE:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:139:ILE:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:139:ILE:CB	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:P	2:B:139:ILE:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:139:ILE:CG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:139:ILE:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:139:ILE:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:139:ILE:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:139:ILE:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:140:PRO:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:140:PRO:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:140:PRO:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:140:PRO:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:140:PRO:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:140:PRO:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:140:PRO:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:141:PHE:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:141:PHE:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:141:PHE:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:141:PHE:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:141:PHE:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:141:PHE:CE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:141:PHE:CE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:141:PHE:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:141:PHE:CZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:141:PHE:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:141:PHE:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:141:PHE:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:142:ILE:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:142:ILE:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:142:ILE:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:142:ILE:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:142:ILE:CG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:142:ILE:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:142:ILE:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:142:ILE:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:142:ILE:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:143:GLU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:143:GLU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:143:GLU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:143:GLU:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:143:GLU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:143:GLU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:143:GLU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:143:GLU:O	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:P	2:B:143:GLU:OE1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:143:GLU:OE2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:158:THR:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:158:THR:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:158:THR:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:158:THR:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:158:THR:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:158:THR:HG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:158:THR:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:158:THR:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:158:THR:OG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:159:LEU:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:159:LEU:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:159:LEU:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:159:LEU:CD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:159:LEU:CD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:159:LEU:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:159:LEU:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:159:LEU:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:159:LEU:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:160:VAL:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:160:VAL:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:160:VAL:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:160:VAL:CG1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:160:VAL:CG2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:160:VAL:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:160:VAL:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:160:VAL:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:170:MET:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:170:MET:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:170:MET:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:170:MET:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:170:MET:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:170:MET:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:170:MET:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:170:MET:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:170:MET:SD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:171:SER:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:171:SER:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:171:SER:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:171:SER:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:171:SER:HG	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:P	2:B:171:SER:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:171:SER:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:171:SER:OG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:172:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:172:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:172:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:172:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:172:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:172:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:172:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:172:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:172:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:172:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:172:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:172:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:172:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:173:ASP:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:173:ASP:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:173:ASP:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:173:ASP:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:173:ASP:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:173:ASP:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:173:ASP:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:173:ASP:OD1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:173:ASP:OD2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:174:GLY:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:174:GLY:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:174:GLY:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:174:GLY:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:174:GLY:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:175:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:175:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:175:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:175:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:175:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:175:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:175:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:175:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:175:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:175:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:175:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:175:LYS:NZ	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:P	2:B:175:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:176:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:176:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:176:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:176:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:176:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:176:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:176:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:176:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:176:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:176:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:176:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:176:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:176:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:177:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:177:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:177:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:177:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:177:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:177:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:177:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:177:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:177:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:177:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:177:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:177:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:177:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:178:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:178:LYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:178:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:178:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:178:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:178:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:178:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:178:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:178:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:178:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:178:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:178:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:178:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:184:LYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:184:LYS:CA	7	2.49	1.07	2.87

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,21)	3:A:21:PCW:P	2:B:184:LYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:184:LYS:CD	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:184:LYS:CE	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:184:LYS:CG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:184:LYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:184:LYS:HZ1	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:184:LYS:HZ2	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:184:LYS:HZ3	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:184:LYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:184:LYS:NZ	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:184:LYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:185:CYS:C	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:185:CYS:CA	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:185:CYS:CB	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:185:CYS:H	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:185:CYS:HG	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:185:CYS:N	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:185:CYS:O	7	2.49	1.07	2.87
(1,21)	3:A:21:PCW:P	2:B:185:CYS:SG	7	2.49	1.07	2.87
(1,51)	2:B:142:ILE:C	3:A:1:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:1:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:1:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:1:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:1:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:1:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:1:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:1:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:1:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:1:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:1:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:2:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:2:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:2:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:2:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:2:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:2:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:2:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:2:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:2:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:2:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:2:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:3:PCW:C11	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:C	3:A:3:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:3:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:3:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:3:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:3:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:3:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:3:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:3:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:3:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:3:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:4:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:4:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:4:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:4:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:4:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:4:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:4:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:4:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:4:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:4:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:4:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:5:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:5:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:5:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:5:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:5:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:5:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:5:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:5:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:5:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:5:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:5:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:6:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:6:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:6:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:6:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:6:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:6:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:6:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:6:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:6:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:6:PCW:O31	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:C	3:A:6:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:7:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:7:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:7:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:7:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:7:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:7:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:7:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:7:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:7:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:7:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:7:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:8:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:8:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:8:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:8:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:8:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:8:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:8:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:8:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:8:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:8:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:8:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:9:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:9:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:9:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:9:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:9:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:9:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:9:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:9:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:9:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:9:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:9:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:10:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:10:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:10:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:10:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:10:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:10:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:10:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:10:PCW:O2	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:C	3:A:10:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:10:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:10:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:11:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:11:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:11:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:11:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:11:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:11:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:11:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:11:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:11:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:11:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:11:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:12:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:12:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:12:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:12:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:12:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:12:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:12:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:12:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:12:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:12:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:12:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:13:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:13:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:13:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:13:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:13:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:13:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:13:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:13:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:13:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:13:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:13:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:14:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:14:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:14:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:14:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:14:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:14:PCW:N	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:C	3:A:14:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:14:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:14:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:14:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:14:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:15:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:15:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:15:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:15:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:15:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:15:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:15:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:15:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:15:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:15:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:15:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:16:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:16:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:16:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:16:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:16:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:16:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:16:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:16:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:16:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:16:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:16:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:17:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:17:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:17:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:17:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:17:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:17:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:17:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:17:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:17:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:17:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:17:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:18:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:18:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:18:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:18:PCW:C14	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:C	3:A:18:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:18:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:18:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:18:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:18:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:18:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:18:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:19:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:19:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:19:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:19:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:19:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:19:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:19:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:19:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:19:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:19:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:19:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:20:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:20:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:20:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:20:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:20:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:20:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:20:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:20:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:20:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:20:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:20:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:21:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:21:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:21:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:21:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:21:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:21:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:21:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:21:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:21:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:21:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:21:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:22:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:22:PCW:C12	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:C	3:A:22:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:22:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:22:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:22:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:22:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:22:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:22:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:22:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:22:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:23:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:23:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:23:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:23:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:23:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:23:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:23:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:23:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:23:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:23:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:23:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:24:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:24:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:24:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:24:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:24:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:24:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:24:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:24:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:24:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:24:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:24:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:25:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:25:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:25:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:25:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:25:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:25:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:25:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:25:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:25:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:25:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:25:PCW:P	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:C	3:A:26:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:26:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:26:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:26:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:26:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:26:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:26:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:26:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:26:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:26:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:26:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:27:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:27:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:27:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:27:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:27:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:27:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:27:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:27:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:27:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:27:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:27:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:28:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:28:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:28:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:28:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:28:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:28:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:28:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:28:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:28:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:28:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:28:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:29:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:29:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:29:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:29:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:29:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:29:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:29:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:29:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:29:PCW:O3	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:C	3:A:29:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:29:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:30:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:30:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:30:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:30:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:30:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:30:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:30:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:30:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:30:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:30:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:30:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:31:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:31:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:31:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:31:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:31:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:31:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:31:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:31:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:31:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:31:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:31:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:32:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:32:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:32:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:32:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:32:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:32:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:32:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:32:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:32:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:32:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	3:A:32:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:33:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:33:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:33:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:33:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:33:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:33:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:33:17F:O5	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:C	4:A:33:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:33:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:33:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:34:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:34:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:34:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:34:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:34:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:34:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:34:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:34:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:34:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:34:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:35:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:35:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:35:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:35:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:35:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:35:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:35:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:35:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:35:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:35:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:36:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:36:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:36:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:36:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:36:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:36:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:36:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:36:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:36:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:36:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:37:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:37:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:37:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:37:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:37:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:37:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:37:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:37:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:37:17F:O9	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:C	4:A:37:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:38:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:38:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:38:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:38:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:38:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:38:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:38:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:38:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:38:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:38:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:39:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:39:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:39:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:39:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:39:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:39:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:39:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:39:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:39:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:39:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:40:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:40:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:40:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:40:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:40:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:40:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:40:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:40:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:40:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	4:A:40:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	2:B:1:MET:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:C	2:B:2:THR:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:1:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:1:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:1:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:1:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:1:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:1:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:1:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:1:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:1:PCW:O3	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CA	3:A:1:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:1:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:2:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:2:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:2:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:2:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:2:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:2:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:2:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:2:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:2:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:2:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:2:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:3:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:3:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:3:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:3:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:3:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:3:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:3:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:3:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:3:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:3:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:3:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:4:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:4:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:4:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:4:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:4:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:4:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:4:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:4:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:4:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:4:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:4:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:5:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:5:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:5:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:5:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:5:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:5:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:5:PCW:O11	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CA	3:A:5:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:5:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:5:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:5:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:6:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:6:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:6:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:6:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:6:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:6:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:6:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:6:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:6:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:6:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:6:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:7:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:7:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:7:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:7:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:7:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:7:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:7:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:7:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:7:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:7:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:7:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:8:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:8:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:8:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:8:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:8:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:8:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:8:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:8:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:8:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:8:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:8:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:9:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:9:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:9:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:9:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:9:PCW:C15	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CA	3:A:9:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:9:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:9:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:9:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:9:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:9:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:10:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:10:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:10:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:10:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:10:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:10:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:10:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:10:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:10:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:10:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:10:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:11:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:11:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:11:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:11:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:11:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:11:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:11:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:11:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:11:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:11:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:11:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:12:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:12:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:12:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:12:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:12:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:12:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:12:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:12:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:12:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:12:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:12:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:13:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:13:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:13:PCW:C13	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CA	3:A:13:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:13:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:13:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:13:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:13:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:13:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:13:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:13:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:14:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:14:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:14:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:14:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:14:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:14:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:14:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:14:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:14:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:14:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:14:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:15:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:15:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:15:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:15:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:15:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:15:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:15:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:15:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:15:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:15:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:15:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:16:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:16:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:16:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:16:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:16:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:16:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:16:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:16:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:16:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:16:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:16:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:17:PCW:C11	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CA	3:A:17:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:17:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:17:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:17:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:17:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:17:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:17:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:17:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:17:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:17:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:18:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:18:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:18:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:18:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:18:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:18:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:18:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:18:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:18:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:18:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:18:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:19:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:19:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:19:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:19:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:19:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:19:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:19:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:19:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:19:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:19:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:19:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:20:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:20:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:20:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:20:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:20:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:20:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:20:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:20:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:20:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:20:PCW:O31	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CA	3:A:20:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:21:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:21:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:21:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:21:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:21:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:21:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:21:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:21:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:21:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:21:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:21:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:22:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:22:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:22:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:22:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:22:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:22:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:22:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:22:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:22:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:22:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:22:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:23:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:23:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:23:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:23:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:23:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:23:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:23:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:23:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:23:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:23:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:23:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:24:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:24:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:24:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:24:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:24:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:24:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:24:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:24:PCW:O2	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CA	3:A:24:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:24:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:24:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:25:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:25:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:25:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:25:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:25:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:25:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:25:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:25:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:25:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:25:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:25:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:26:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:26:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:26:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:26:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:26:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:26:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:26:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:26:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:26:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:26:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:26:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:27:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:27:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:27:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:27:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:27:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:27:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:27:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:27:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:27:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:27:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:27:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:28:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:28:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:28:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:28:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:28:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:28:PCW:N	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CA	3:A:28:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:28:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:28:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:28:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:28:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:29:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:29:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:29:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:29:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:29:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:29:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:29:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:29:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:29:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:29:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:29:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:30:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:30:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:30:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:30:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:30:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:30:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:30:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:30:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:30:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:30:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:30:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:31:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:31:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:31:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:31:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:31:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:31:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:31:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:31:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:31:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:31:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:31:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:32:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:32:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:32:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:32:PCW:C14	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CA	3:A:32:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:32:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:32:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:32:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:32:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:32:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	3:A:32:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:33:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:33:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:33:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:33:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:33:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:33:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:33:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:33:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:33:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:33:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:34:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:34:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:34:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:34:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:34:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:34:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:34:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:34:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:34:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:34:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:35:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:35:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:35:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:35:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:35:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:35:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:35:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:35:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:35:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:35:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:36:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:36:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:36:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:36:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:36:17F:O10	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CA	4:A:36:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:36:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:36:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:36:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:36:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:37:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:37:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:37:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:37:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:37:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:37:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:37:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:37:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:37:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:37:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:38:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:38:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:38:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:38:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:38:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:38:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:38:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:38:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:38:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:38:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:39:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:39:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:39:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:39:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:39:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:39:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:39:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:39:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:39:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:39:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:40:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:40:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:40:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:40:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:40:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:40:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:40:17F:O5	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CA	4:A:40:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:40:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	4:A:40:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	2:B:1:MET:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CA	2:B:2:THR:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:1:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:1:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:1:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:1:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:1:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:1:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:1:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:1:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:1:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:1:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:1:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:2:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:2:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:2:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:2:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:2:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:2:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:2:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:2:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:2:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:2:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:2:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:3:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:3:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:3:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:3:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:3:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:3:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:3:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:3:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:3:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:3:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:3:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:4:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:4:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:4:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:4:PCW:C14	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CB	3:A:4:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:4:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:4:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:4:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:4:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:4:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:4:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:5:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:5:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:5:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:5:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:5:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:5:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:5:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:5:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:5:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:5:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:5:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:6:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:6:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:6:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:6:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:6:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:6:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:6:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:6:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:6:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:6:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:6:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:7:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:7:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:7:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:7:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:7:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:7:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:7:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:7:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:7:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:7:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:7:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:8:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:8:PCW:C12	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CB	3:A:8:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:8:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:8:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:8:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:8:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:8:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:8:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:8:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:8:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:9:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:9:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:9:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:9:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:9:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:9:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:9:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:9:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:9:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:9:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:9:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:10:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:10:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:10:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:10:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:10:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:10:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:10:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:10:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:10:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:10:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:10:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:11:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:11:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:11:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:11:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:11:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:11:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:11:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:11:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:11:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:11:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:11:PCW:P	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CB	3:A:12:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:12:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:12:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:12:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:12:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:12:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:12:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:12:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:12:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:12:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:12:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:13:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:13:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:13:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:13:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:13:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:13:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:13:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:13:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:13:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:13:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:13:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:14:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:14:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:14:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:14:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:14:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:14:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:14:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:14:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:14:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:14:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:14:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:15:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:15:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:15:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:15:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:15:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:15:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:15:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:15:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:15:PCW:O3	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CB	3:A:15:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:15:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:16:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:16:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:16:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:16:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:16:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:16:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:16:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:16:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:16:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:16:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:16:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:17:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:17:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:17:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:17:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:17:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:17:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:17:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:17:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:17:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:17:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:17:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:18:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:18:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:18:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:18:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:18:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:18:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:18:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:18:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:18:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:18:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:18:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:19:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:19:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:19:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:19:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:19:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:19:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:19:PCW:O11	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CB	3:A:19:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:19:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:19:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:19:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:20:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:20:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:20:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:20:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:20:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:20:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:20:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:20:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:20:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:20:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:20:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:21:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:21:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:21:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:21:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:21:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:21:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:21:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:21:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:21:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:21:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:21:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:22:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:22:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:22:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:22:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:22:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:22:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:22:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:22:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:22:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:22:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:22:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:23:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:23:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:23:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:23:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:23:PCW:C15	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CB	3:A:23:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:23:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:23:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:23:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:23:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:23:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:24:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:24:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:24:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:24:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:24:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:24:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:24:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:24:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:24:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:24:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:24:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:25:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:25:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:25:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:25:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:25:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:25:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:25:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:25:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:25:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:25:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:25:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:26:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:26:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:26:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:26:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:26:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:26:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:26:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:26:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:26:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:26:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:26:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:27:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:27:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:27:PCW:C13	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CB	3:A:27:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:27:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:27:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:27:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:27:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:27:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:27:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:27:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:28:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:28:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:28:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:28:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:28:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:28:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:28:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:28:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:28:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:28:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:28:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:29:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:29:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:29:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:29:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:29:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:29:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:29:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:29:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:29:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:29:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:29:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:30:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:30:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:30:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:30:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:30:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:30:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:30:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:30:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:30:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:30:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:30:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:31:PCW:C11	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CB	3:A:31:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:31:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:31:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:31:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:31:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:31:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:31:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:31:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:31:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:31:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:32:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:32:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:32:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:32:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:32:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:32:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:32:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:32:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:32:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:32:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	3:A:32:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:33:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:33:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:33:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:33:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:33:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:33:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:33:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:33:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:33:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:33:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:34:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:34:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:34:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:34:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:34:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:34:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:34:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:34:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:34:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:34:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:35:17F:C7	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CB	4:A:35:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:35:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:35:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:35:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:35:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:35:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:35:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:35:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:35:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:36:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:36:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:36:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:36:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:36:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:36:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:36:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:36:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:36:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:36:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:37:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:37:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:37:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:37:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:37:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:37:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:37:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:37:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:37:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:37:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:38:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:38:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:38:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:38:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:38:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:38:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:38:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:38:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:38:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:38:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:39:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:39:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:39:17F:C9	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CB	4:A:39:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:39:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:39:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:39:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:39:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:39:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:39:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:40:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:40:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:40:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:40:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:40:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:40:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:40:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:40:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:40:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	4:A:40:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	2:B:1:MET:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CB	2:B:2:THR:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:1:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:1:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:1:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:1:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:1:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:1:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:1:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:1:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:1:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:1:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:1:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:2:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:2:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:2:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:2:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:2:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:2:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:2:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:2:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:2:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:2:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:2:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:3:PCW:C11	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CD1	3:A:3:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:3:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:3:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:3:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:3:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:3:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:3:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:3:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:3:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:3:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:4:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:4:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:4:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:4:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:4:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:4:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:4:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:4:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:4:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:4:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:4:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:5:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:5:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:5:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:5:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:5:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:5:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:5:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:5:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:5:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:5:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:5:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:6:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:6:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:6:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:6:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:6:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:6:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:6:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:6:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:6:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:6:PCW:O31	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CD1	3:A:6:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:7:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:7:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:7:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:7:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:7:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:7:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:7:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:7:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:7:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:7:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:7:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:8:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:8:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:8:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:8:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:8:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:8:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:8:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:8:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:8:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:8:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:8:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:9:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:9:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:9:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:9:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:9:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:9:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:9:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:9:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:9:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:9:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:9:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:10:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:10:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:10:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:10:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:10:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:10:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:10:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:10:PCW:O2	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CD1	3:A:10:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:10:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:10:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:11:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:11:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:11:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:11:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:11:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:11:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:11:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:11:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:11:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:11:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:11:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:12:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:12:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:12:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:12:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:12:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:12:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:12:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:12:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:12:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:12:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:12:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:13:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:13:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:13:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:13:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:13:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:13:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:13:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:13:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:13:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:13:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:13:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:14:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:14:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:14:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:14:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:14:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:14:PCW:N	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CD1	3:A:14:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:14:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:14:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:14:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:14:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:15:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:15:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:15:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:15:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:15:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:15:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:15:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:15:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:15:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:15:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:15:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:16:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:16:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:16:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:16:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:16:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:16:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:16:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:16:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:16:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:16:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:16:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:17:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:17:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:17:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:17:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:17:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:17:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:17:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:17:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:17:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:17:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:17:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:18:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:18:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:18:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:18:PCW:C14	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CD1	3:A:18:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:18:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:18:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:18:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:18:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:18:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:18:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:19:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:19:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:19:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:19:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:19:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:19:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:19:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:19:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:19:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:19:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:19:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:20:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:20:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:20:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:20:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:20:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:20:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:20:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:20:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:20:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:20:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:20:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:21:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:21:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:21:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:21:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:21:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:21:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:21:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:21:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:21:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:21:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:21:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:22:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:22:PCW:C12	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CD1	3:A:22:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:22:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:22:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:22:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:22:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:22:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:22:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:22:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:22:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:23:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:23:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:23:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:23:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:23:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:23:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:23:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:23:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:23:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:23:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:23:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:24:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:24:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:24:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:24:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:24:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:24:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:24:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:24:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:24:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:24:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:24:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:25:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:25:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:25:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:25:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:25:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:25:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:25:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:25:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:25:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:25:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:25:PCW:P	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CD1	3:A:26:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:26:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:26:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:26:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:26:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:26:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:26:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:26:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:26:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:26:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:26:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:27:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:27:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:27:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:27:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:27:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:27:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:27:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:27:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:27:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:27:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:27:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:28:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:28:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:28:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:28:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:28:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:28:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:28:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:28:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:28:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:28:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:28:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:29:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:29:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:29:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:29:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:29:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:29:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:29:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:29:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:29:PCW:O3	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CD1	3:A:29:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:29:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:30:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:30:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:30:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:30:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:30:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:30:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:30:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:30:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:30:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:30:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:30:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:31:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:31:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:31:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:31:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:31:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:31:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:31:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:31:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:31:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:31:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:31:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:32:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:32:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:32:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:32:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:32:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:32:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:32:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:32:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:32:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:32:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	3:A:32:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:33:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:33:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:33:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:33:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:33:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:33:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:33:17F:O5	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CD1	4:A:33:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:33:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:33:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:34:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:34:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:34:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:34:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:34:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:34:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:34:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:34:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:34:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:34:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:35:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:35:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:35:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:35:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:35:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:35:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:35:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:35:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:35:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:35:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:36:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:36:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:36:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:36:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:36:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:36:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:36:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:36:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:36:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:36:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:37:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:37:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:37:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:37:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:37:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:37:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:37:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:37:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:37:17F:O9	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CD1	4:A:37:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:38:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:38:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:38:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:38:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:38:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:38:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:38:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:38:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:38:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:38:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:39:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:39:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:39:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:39:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:39:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:39:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:39:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:39:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:39:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:39:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:40:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:40:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:40:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:40:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:40:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:40:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:40:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:40:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:40:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	4:A:40:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	2:B:1:MET:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CD1	2:B:2:THR:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:1:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:1:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:1:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:1:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:1:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:1:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:1:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:1:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:1:PCW:O3	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CG1	3:A:1:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:1:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:2:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:2:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:2:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:2:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:2:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:2:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:2:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:2:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:2:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:2:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:2:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:3:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:3:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:3:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:3:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:3:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:3:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:3:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:3:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:3:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:3:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:3:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:4:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:4:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:4:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:4:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:4:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:4:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:4:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:4:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:4:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:4:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:4:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:5:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:5:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:5:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:5:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:5:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:5:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:5:PCW:O11	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CG1	3:A:5:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:5:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:5:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:5:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:6:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:6:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:6:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:6:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:6:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:6:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:6:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:6:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:6:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:6:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:6:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:7:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:7:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:7:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:7:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:7:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:7:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:7:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:7:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:7:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:7:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:7:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:8:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:8:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:8:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:8:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:8:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:8:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:8:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:8:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:8:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:8:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:8:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:9:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:9:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:9:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:9:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:9:PCW:C15	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CG1	3:A:9:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:9:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:9:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:9:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:9:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:9:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:10:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:10:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:10:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:10:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:10:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:10:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:10:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:10:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:10:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:10:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:10:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:11:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:11:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:11:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:11:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:11:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:11:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:11:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:11:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:11:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:11:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:11:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:12:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:12:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:12:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:12:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:12:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:12:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:12:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:12:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:12:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:12:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:12:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:13:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:13:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:13:PCW:C13	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CG1	3:A:13:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:13:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:13:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:13:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:13:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:13:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:13:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:13:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:14:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:14:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:14:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:14:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:14:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:14:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:14:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:14:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:14:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:14:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:14:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:15:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:15:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:15:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:15:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:15:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:15:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:15:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:15:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:15:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:15:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:15:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:16:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:16:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:16:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:16:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:16:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:16:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:16:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:16:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:16:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:16:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:16:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:17:PCW:C11	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CG1	3:A:17:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:17:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:17:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:17:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:17:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:17:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:17:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:17:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:17:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:17:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:18:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:18:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:18:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:18:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:18:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:18:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:18:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:18:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:18:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:18:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:18:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:19:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:19:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:19:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:19:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:19:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:19:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:19:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:19:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:19:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:19:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:19:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:20:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:20:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:20:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:20:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:20:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:20:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:20:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:20:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:20:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:20:PCW:O31	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CG1	3:A:20:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:21:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:21:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:21:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:21:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:21:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:21:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:21:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:21:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:21:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:21:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:21:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:22:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:22:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:22:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:22:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:22:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:22:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:22:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:22:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:22:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:22:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:22:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:23:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:23:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:23:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:23:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:23:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:23:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:23:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:23:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:23:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:23:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:23:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:24:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:24:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:24:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:24:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:24:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:24:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:24:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:24:PCW:O2	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CG1	3:A:24:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:24:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:24:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:25:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:25:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:25:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:25:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:25:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:25:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:25:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:25:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:25:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:25:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:25:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:26:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:26:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:26:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:26:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:26:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:26:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:26:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:26:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:26:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:26:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:26:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:27:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:27:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:27:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:27:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:27:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:27:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:27:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:27:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:27:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:27:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:27:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:28:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:28:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:28:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:28:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:28:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:28:PCW:N	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CG1	3:A:28:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:28:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:28:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:28:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:28:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:29:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:29:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:29:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:29:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:29:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:29:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:29:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:29:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:29:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:29:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:29:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:30:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:30:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:30:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:30:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:30:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:30:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:30:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:30:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:30:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:30:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:30:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:31:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:31:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:31:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:31:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:31:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:31:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:31:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:31:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:31:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:31:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:31:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:32:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:32:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:32:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:32:PCW:C14	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CG1	3:A:32:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:32:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:32:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:32:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:32:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:32:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	3:A:32:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:33:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:33:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:33:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:33:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:33:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:33:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:33:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:33:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:33:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:33:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:34:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:34:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:34:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:34:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:34:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:34:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:34:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:34:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:34:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:34:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:35:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:35:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:35:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:35:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:35:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:35:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:35:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:35:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:35:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:35:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:36:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:36:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:36:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:36:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:36:17F:O10	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CG1	4:A:36:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:36:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:36:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:36:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:36:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:37:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:37:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:37:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:37:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:37:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:37:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:37:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:37:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:37:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:37:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:38:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:38:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:38:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:38:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:38:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:38:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:38:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:38:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:38:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:38:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:39:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:39:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:39:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:39:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:39:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:39:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:39:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:39:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:39:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:39:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:40:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:40:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:40:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:40:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:40:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:40:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:40:17F:O5	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CG1	4:A:40:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:40:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	4:A:40:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	2:B:1:MET:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG1	2:B:2:THR:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:1:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:1:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:1:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:1:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:1:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:1:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:1:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:1:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:1:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:1:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:1:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:2:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:2:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:2:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:2:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:2:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:2:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:2:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:2:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:2:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:2:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:2:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:3:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:3:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:3:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:3:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:3:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:3:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:3:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:3:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:3:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:3:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:3:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:4:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:4:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:4:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:4:PCW:C14	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CG2	3:A:4:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:4:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:4:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:4:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:4:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:4:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:4:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:5:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:5:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:5:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:5:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:5:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:5:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:5:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:5:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:5:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:5:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:5:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:6:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:6:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:6:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:6:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:6:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:6:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:6:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:6:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:6:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:6:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:6:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:7:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:7:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:7:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:7:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:7:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:7:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:7:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:7:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:7:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:7:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:7:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:8:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:8:PCW:C12	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CG2	3:A:8:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:8:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:8:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:8:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:8:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:8:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:8:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:8:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:8:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:9:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:9:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:9:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:9:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:9:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:9:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:9:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:9:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:9:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:9:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:9:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:10:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:10:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:10:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:10:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:10:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:10:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:10:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:10:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:10:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:10:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:10:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:11:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:11:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:11:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:11:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:11:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:11:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:11:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:11:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:11:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:11:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:11:PCW:P	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CG2	3:A:12:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:12:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:12:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:12:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:12:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:12:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:12:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:12:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:12:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:12:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:12:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:13:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:13:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:13:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:13:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:13:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:13:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:13:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:13:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:13:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:13:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:13:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:14:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:14:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:14:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:14:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:14:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:14:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:14:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:14:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:14:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:14:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:14:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:15:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:15:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:15:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:15:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:15:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:15:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:15:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:15:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:15:PCW:O3	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CG2	3:A:15:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:15:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:16:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:16:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:16:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:16:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:16:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:16:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:16:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:16:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:16:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:16:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:16:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:17:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:17:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:17:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:17:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:17:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:17:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:17:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:17:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:17:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:17:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:17:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:18:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:18:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:18:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:18:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:18:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:18:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:18:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:18:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:18:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:18:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:18:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:19:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:19:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:19:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:19:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:19:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:19:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:19:PCW:O11	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CG2	3:A:19:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:19:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:19:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:19:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:20:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:20:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:20:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:20:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:20:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:20:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:20:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:20:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:20:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:20:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:20:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:21:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:21:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:21:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:21:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:21:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:21:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:21:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:21:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:21:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:21:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:21:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:22:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:22:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:22:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:22:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:22:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:22:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:22:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:22:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:22:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:22:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:22:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:23:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:23:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:23:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:23:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:23:PCW:C15	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CG2	3:A:23:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:23:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:23:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:23:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:23:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:23:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:24:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:24:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:24:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:24:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:24:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:24:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:24:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:24:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:24:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:24:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:24:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:25:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:25:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:25:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:25:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:25:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:25:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:25:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:25:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:25:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:25:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:25:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:26:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:26:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:26:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:26:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:26:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:26:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:26:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:26:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:26:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:26:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:26:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:27:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:27:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:27:PCW:C13	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CG2	3:A:27:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:27:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:27:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:27:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:27:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:27:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:27:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:27:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:28:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:28:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:28:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:28:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:28:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:28:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:28:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:28:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:28:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:28:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:28:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:29:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:29:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:29:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:29:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:29:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:29:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:29:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:29:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:29:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:29:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:29:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:30:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:30:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:30:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:30:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:30:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:30:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:30:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:30:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:30:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:30:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:30:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:31:PCW:C11	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CG2	3:A:31:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:31:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:31:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:31:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:31:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:31:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:31:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:31:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:31:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:31:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:32:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:32:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:32:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:32:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:32:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:32:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:32:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:32:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:32:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:32:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	3:A:32:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:33:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:33:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:33:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:33:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:33:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:33:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:33:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:33:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:33:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:33:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:34:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:34:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:34:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:34:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:34:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:34:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:34:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:34:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:34:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:34:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:35:17F:C7	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CG2	4:A:35:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:35:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:35:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:35:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:35:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:35:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:35:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:35:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:35:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:36:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:36:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:36:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:36:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:36:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:36:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:36:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:36:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:36:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:36:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:37:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:37:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:37:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:37:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:37:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:37:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:37:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:37:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:37:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:37:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:38:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:38:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:38:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:38:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:38:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:38:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:38:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:38:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:38:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:38:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:39:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:39:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:39:17F:C9	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:CG2	4:A:39:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:39:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:39:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:39:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:39:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:39:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:39:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:40:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:40:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:40:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:40:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:40:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:40:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:40:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:40:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:40:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	4:A:40:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	2:B:1:MET:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:CG2	2:B:2:THR:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:1:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:1:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:1:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:1:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:1:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:1:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:1:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:1:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:1:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:1:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:1:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:2:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:2:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:2:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:2:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:2:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:2:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:2:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:2:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:2:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:2:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:2:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:3:PCW:C11	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:H	3:A:3:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:3:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:3:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:3:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:3:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:3:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:3:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:3:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:3:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:3:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:4:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:4:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:4:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:4:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:4:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:4:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:4:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:4:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:4:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:4:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:4:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:5:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:5:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:5:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:5:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:5:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:5:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:5:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:5:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:5:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:5:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:5:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:6:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:6:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:6:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:6:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:6:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:6:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:6:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:6:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:6:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:6:PCW:O31	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:H	3:A:6:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:7:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:7:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:7:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:7:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:7:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:7:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:7:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:7:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:7:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:7:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:7:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:8:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:8:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:8:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:8:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:8:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:8:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:8:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:8:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:8:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:8:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:8:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:9:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:9:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:9:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:9:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:9:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:9:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:9:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:9:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:9:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:9:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:9:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:10:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:10:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:10:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:10:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:10:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:10:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:10:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:10:PCW:O2	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:H	3:A:10:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:10:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:10:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:11:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:11:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:11:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:11:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:11:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:11:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:11:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:11:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:11:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:11:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:11:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:12:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:12:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:12:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:12:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:12:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:12:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:12:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:12:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:12:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:12:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:12:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:13:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:13:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:13:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:13:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:13:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:13:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:13:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:13:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:13:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:13:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:13:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:14:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:14:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:14:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:14:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:14:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:14:PCW:N	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:H	3:A:14:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:14:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:14:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:14:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:14:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:15:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:15:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:15:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:15:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:15:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:15:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:15:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:15:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:15:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:15:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:15:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:16:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:16:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:16:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:16:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:16:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:16:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:16:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:16:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:16:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:16:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:16:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:17:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:17:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:17:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:17:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:17:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:17:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:17:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:17:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:17:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:17:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:17:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:18:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:18:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:18:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:18:PCW:C14	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:H	3:A:18:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:18:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:18:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:18:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:18:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:18:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:18:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:19:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:19:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:19:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:19:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:19:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:19:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:19:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:19:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:19:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:19:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:19:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:20:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:20:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:20:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:20:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:20:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:20:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:20:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:20:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:20:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:20:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:20:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:21:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:21:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:21:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:21:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:21:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:21:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:21:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:21:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:21:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:21:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:21:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:22:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:22:PCW:C12	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:H	3:A:22:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:22:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:22:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:22:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:22:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:22:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:22:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:22:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:22:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:23:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:23:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:23:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:23:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:23:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:23:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:23:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:23:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:23:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:23:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:23:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:24:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:24:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:24:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:24:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:24:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:24:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:24:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:24:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:24:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:24:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:24:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:25:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:25:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:25:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:25:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:25:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:25:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:25:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:25:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:25:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:25:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:25:PCW:P	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:H	3:A:26:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:26:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:26:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:26:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:26:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:26:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:26:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:26:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:26:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:26:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:26:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:27:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:27:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:27:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:27:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:27:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:27:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:27:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:27:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:27:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:27:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:27:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:28:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:28:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:28:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:28:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:28:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:28:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:28:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:28:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:28:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:28:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:28:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:29:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:29:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:29:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:29:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:29:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:29:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:29:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:29:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:29:PCW:O3	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:H	3:A:29:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:29:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:30:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:30:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:30:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:30:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:30:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:30:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:30:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:30:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:30:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:30:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:30:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:31:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:31:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:31:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:31:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:31:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:31:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:31:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:31:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:31:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:31:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:31:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:32:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:32:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:32:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:32:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:32:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:32:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:32:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:32:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:32:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:32:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	3:A:32:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:33:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:33:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:33:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:33:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:33:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:33:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:33:17F:O5	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:H	4:A:33:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:33:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:33:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:34:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:34:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:34:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:34:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:34:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:34:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:34:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:34:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:34:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:34:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:35:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:35:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:35:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:35:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:35:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:35:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:35:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:35:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:35:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:35:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:36:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:36:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:36:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:36:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:36:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:36:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:36:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:36:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:36:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:36:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:37:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:37:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:37:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:37:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:37:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:37:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:37:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:37:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:37:17F:O9	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:H	4:A:37:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:38:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:38:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:38:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:38:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:38:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:38:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:38:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:38:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:38:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:38:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:39:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:39:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:39:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:39:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:39:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:39:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:39:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:39:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:39:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:39:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:40:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:40:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:40:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:40:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:40:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:40:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:40:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:40:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:40:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	4:A:40:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	2:B:1:MET:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:H	2:B:2:THR:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:1:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:1:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:1:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:1:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:1:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:1:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:1:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:1:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:1:PCW:O3	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:N	3:A:1:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:1:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:2:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:2:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:2:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:2:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:2:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:2:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:2:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:2:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:2:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:2:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:2:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:3:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:3:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:3:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:3:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:3:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:3:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:3:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:3:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:3:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:3:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:3:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:4:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:4:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:4:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:4:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:4:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:4:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:4:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:4:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:4:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:4:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:4:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:5:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:5:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:5:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:5:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:5:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:5:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:5:PCW:O11	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:N	3:A:5:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:5:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:5:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:5:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:6:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:6:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:6:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:6:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:6:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:6:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:6:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:6:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:6:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:6:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:6:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:7:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:7:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:7:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:7:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:7:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:7:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:7:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:7:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:7:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:7:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:7:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:8:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:8:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:8:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:8:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:8:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:8:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:8:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:8:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:8:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:8:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:8:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:9:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:9:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:9:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:9:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:9:PCW:C15	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:N	3:A:9:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:9:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:9:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:9:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:9:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:9:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:10:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:10:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:10:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:10:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:10:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:10:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:10:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:10:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:10:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:10:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:10:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:11:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:11:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:11:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:11:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:11:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:11:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:11:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:11:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:11:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:11:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:11:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:12:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:12:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:12:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:12:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:12:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:12:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:12:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:12:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:12:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:12:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:12:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:13:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:13:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:13:PCW:C13	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:N	3:A:13:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:13:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:13:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:13:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:13:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:13:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:13:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:13:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:14:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:14:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:14:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:14:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:14:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:14:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:14:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:14:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:14:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:14:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:14:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:15:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:15:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:15:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:15:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:15:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:15:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:15:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:15:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:15:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:15:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:15:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:16:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:16:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:16:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:16:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:16:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:16:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:16:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:16:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:16:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:16:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:16:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:17:PCW:C11	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:N	3:A:17:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:17:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:17:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:17:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:17:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:17:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:17:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:17:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:17:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:17:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:18:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:18:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:18:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:18:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:18:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:18:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:18:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:18:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:18:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:18:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:18:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:19:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:19:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:19:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:19:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:19:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:19:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:19:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:19:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:19:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:19:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:19:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:20:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:20:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:20:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:20:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:20:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:20:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:20:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:20:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:20:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:20:PCW:O31	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:N	3:A:20:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:21:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:21:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:21:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:21:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:21:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:21:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:21:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:21:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:21:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:21:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:21:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:22:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:22:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:22:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:22:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:22:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:22:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:22:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:22:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:22:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:22:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:22:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:23:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:23:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:23:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:23:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:23:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:23:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:23:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:23:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:23:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:23:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:23:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:24:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:24:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:24:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:24:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:24:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:24:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:24:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:24:PCW:O2	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:N	3:A:24:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:24:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:24:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:25:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:25:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:25:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:25:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:25:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:25:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:25:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:25:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:25:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:25:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:25:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:26:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:26:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:26:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:26:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:26:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:26:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:26:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:26:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:26:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:26:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:26:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:27:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:27:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:27:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:27:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:27:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:27:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:27:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:27:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:27:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:27:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:27:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:28:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:28:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:28:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:28:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:28:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:28:PCW:N	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:N	3:A:28:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:28:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:28:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:28:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:28:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:29:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:29:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:29:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:29:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:29:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:29:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:29:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:29:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:29:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:29:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:29:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:30:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:30:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:30:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:30:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:30:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:30:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:30:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:30:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:30:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:30:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:30:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:31:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:31:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:31:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:31:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:31:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:31:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:31:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:31:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:31:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:31:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:31:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:32:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:32:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:32:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:32:PCW:C14	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:N	3:A:32:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:32:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:32:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:32:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:32:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:32:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	3:A:32:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:33:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:33:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:33:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:33:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:33:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:33:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:33:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:33:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:33:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:33:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:34:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:34:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:34:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:34:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:34:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:34:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:34:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:34:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:34:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:34:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:35:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:35:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:35:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:35:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:35:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:35:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:35:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:35:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:35:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:35:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:36:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:36:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:36:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:36:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:36:17F:O10	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:N	4:A:36:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:36:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:36:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:36:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:36:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:37:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:37:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:37:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:37:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:37:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:37:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:37:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:37:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:37:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:37:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:38:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:38:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:38:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:38:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:38:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:38:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:38:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:38:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:38:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:38:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:39:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:39:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:39:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:39:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:39:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:39:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:39:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:39:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:39:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:39:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:40:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:40:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:40:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:40:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:40:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:40:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:40:17F:O5	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:N	4:A:40:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:40:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	4:A:40:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	2:B:1:MET:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:N	2:B:2:THR:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:1:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:1:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:1:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:1:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:1:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:1:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:1:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:1:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:1:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:1:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:1:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:2:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:2:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:2:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:2:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:2:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:2:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:2:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:2:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:2:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:2:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:2:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:3:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:3:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:3:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:3:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:3:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:3:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:3:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:3:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:3:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:3:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:3:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:4:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:4:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:4:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:4:PCW:C14	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:O	3:A:4:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:4:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:4:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:4:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:4:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:4:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:4:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:5:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:5:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:5:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:5:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:5:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:5:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:5:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:5:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:5:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:5:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:5:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:6:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:6:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:6:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:6:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:6:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:6:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:6:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:6:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:6:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:6:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:6:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:7:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:7:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:7:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:7:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:7:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:7:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:7:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:7:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:7:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:7:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:7:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:8:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:8:PCW:C12	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:O	3:A:8:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:8:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:8:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:8:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:8:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:8:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:8:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:8:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:8:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:9:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:9:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:9:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:9:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:9:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:9:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:9:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:9:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:9:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:9:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:9:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:10:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:10:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:10:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:10:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:10:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:10:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:10:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:10:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:10:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:10:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:10:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:11:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:11:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:11:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:11:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:11:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:11:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:11:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:11:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:11:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:11:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:11:PCW:P	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:O	3:A:12:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:12:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:12:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:12:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:12:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:12:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:12:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:12:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:12:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:12:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:12:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:13:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:13:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:13:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:13:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:13:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:13:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:13:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:13:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:13:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:13:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:13:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:14:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:14:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:14:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:14:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:14:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:14:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:14:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:14:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:14:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:14:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:14:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:15:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:15:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:15:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:15:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:15:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:15:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:15:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:15:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:15:PCW:O3	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:O	3:A:15:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:15:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:16:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:16:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:16:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:16:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:16:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:16:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:16:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:16:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:16:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:16:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:16:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:17:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:17:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:17:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:17:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:17:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:17:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:17:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:17:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:17:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:17:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:17:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:18:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:18:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:18:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:18:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:18:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:18:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:18:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:18:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:18:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:18:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:18:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:19:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:19:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:19:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:19:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:19:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:19:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:19:PCW:O11	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:O	3:A:19:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:19:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:19:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:19:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:20:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:20:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:20:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:20:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:20:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:20:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:20:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:20:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:20:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:20:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:20:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:21:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:21:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:21:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:21:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:21:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:21:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:21:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:21:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:21:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:21:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:21:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:22:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:22:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:22:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:22:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:22:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:22:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:22:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:22:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:22:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:22:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:22:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:23:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:23:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:23:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:23:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:23:PCW:C15	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:O	3:A:23:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:23:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:23:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:23:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:23:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:23:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:24:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:24:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:24:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:24:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:24:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:24:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:24:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:24:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:24:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:24:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:24:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:25:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:25:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:25:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:25:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:25:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:25:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:25:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:25:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:25:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:25:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:25:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:26:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:26:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:26:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:26:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:26:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:26:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:26:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:26:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:26:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:26:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:26:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:27:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:27:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:27:PCW:C13	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:O	3:A:27:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:27:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:27:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:27:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:27:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:27:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:27:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:27:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:28:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:28:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:28:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:28:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:28:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:28:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:28:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:28:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:28:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:28:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:28:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:29:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:29:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:29:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:29:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:29:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:29:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:29:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:29:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:29:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:29:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:29:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:30:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:30:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:30:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:30:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:30:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:30:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:30:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:30:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:30:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:30:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:30:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:31:PCW:C11	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:O	3:A:31:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:31:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:31:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:31:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:31:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:31:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:31:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:31:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:31:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:31:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:32:PCW:C11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:32:PCW:C12	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:32:PCW:C13	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:32:PCW:C14	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:32:PCW:C15	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:32:PCW:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:32:PCW:O11	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:32:PCW:O2	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:32:PCW:O3	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:32:PCW:O31	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	3:A:32:PCW:P	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:33:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:33:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:33:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:33:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:33:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:33:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:33:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:33:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:33:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:33:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:34:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:34:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:34:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:34:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:34:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:34:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:34:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:34:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:34:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:34:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:35:17F:C7	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:O	4:A:35:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:35:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:35:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:35:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:35:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:35:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:35:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:35:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:35:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:36:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:36:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:36:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:36:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:36:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:36:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:36:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:36:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:36:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:36:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:37:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:37:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:37:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:37:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:37:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:37:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:37:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:37:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:37:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:37:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:38:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:38:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:38:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:38:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:38:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:38:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:38:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:38:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:38:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:38:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:39:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:39:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:39:17F:C9	7	2.22	0.47	2.34

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,51)	2:B:142:ILE:O	4:A:39:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:39:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:39:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:39:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:39:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:39:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:39:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:40:17F:C7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:40:17F:C8	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:40:17F:C9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:40:17F:N1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:40:17F:O10	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:40:17F:O4	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:40:17F:O5	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:40:17F:O7	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:40:17F:O9	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	4:A:40:17F:P1	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	2:B:1:MET:N	7	2.22	0.47	2.34
(1,51)	2:B:142:ILE:O	2:B:2:THR:N	7	2.22	0.47	2.34
(1,10)	3:A:10:PCW:C11	2:B:1:MET:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:1:MET:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:1:MET:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:1:MET:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:1:MET:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:1:MET:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:1:MET:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:1:MET:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:1:MET:SD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:2:THR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:2:THR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:2:THR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:2:THR:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:2:THR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:2:THR:HG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:2:THR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:2:THR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:2:THR:OG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:3:GLU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:3:GLU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:3:GLU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:3:GLU:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:3:GLU:CG	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:C11	2:B:3:GLU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:3:GLU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:3:GLU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:3:GLU:OE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:3:GLU:OE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:4:TYR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:4:TYR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:4:TYR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:4:TYR:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:4:TYR:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:4:TYR:CE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:4:TYR:CE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:4:TYR:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:4:TYR:CZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:4:TYR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:4:TYR:HH	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:4:TYR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:4:TYR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:4:TYR:OH	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:47:ASP:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:47:ASP:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:47:ASP:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:47:ASP:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:47:ASP:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:47:ASP:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:47:ASP:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:47:ASP:OD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:47:ASP:OD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:48:GLY:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:48:GLY:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:48:GLY:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:48:GLY:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:48:GLY:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:49:GLU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:49:GLU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:49:GLU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:49:GLU:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:49:GLU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:49:GLU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:49:GLU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:49:GLU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:49:GLU:OE1	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:C11	2:B:49:GLU:OE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:50:THR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:50:THR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:50:THR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:50:THR:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:50:THR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:50:THR:HG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:50:THR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:50:THR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:50:THR:OG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:51:CYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:51:CYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:51:CYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:51:CYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:51:CYS:HG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:51:CYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:51:CYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:51:CYS:SG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:105:ASP:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:105:ASP:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:105:ASP:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:105:ASP:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:105:ASP:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:105:ASP:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:105:ASP:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:105:ASP:OD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:105:ASP:OD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:106:SER:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:106:SER:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:106:SER:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:106:SER:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:106:SER:HG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:106:SER:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:106:SER:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:106:SER:OG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:107:GLU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:107:GLU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:107:GLU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:107:GLU:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:107:GLU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:107:GLU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:107:GLU:N	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:C11	2:B:107:GLU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:107:GLU:OE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:107:GLU:OE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:132:ASP:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:132:ASP:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:132:ASP:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:132:ASP:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:132:ASP:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:132:ASP:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:132:ASP:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:132:ASP:OD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:132:ASP:OD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:133:LEU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:133:LEU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:133:LEU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:133:LEU:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:133:LEU:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:133:LEU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:133:LEU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:133:LEU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:133:LEU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:134:ALA:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:134:ALA:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:134:ALA:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:134:ALA:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:134:ALA:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:134:ALA:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:137:TYR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:137:TYR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:137:TYR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:137:TYR:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:137:TYR:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:137:TYR:CE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:137:TYR:CE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:137:TYR:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:137:TYR:CZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:137:TYR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:137:TYR:HH	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:137:TYR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:137:TYR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:137:TYR:OH	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:138:GLY:C	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:C11	2:B:138:GLY:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:138:GLY:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:138:GLY:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:138:GLY:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:139:ILE:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:139:ILE:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:139:ILE:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:139:ILE:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:139:ILE:CG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:139:ILE:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:139:ILE:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:139:ILE:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:139:ILE:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:140:PRO:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:140:PRO:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:140:PRO:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:140:PRO:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:140:PRO:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:140:PRO:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:140:PRO:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:141:PHE:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:141:PHE:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:141:PHE:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:141:PHE:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:141:PHE:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:141:PHE:CE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:141:PHE:CE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:141:PHE:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:141:PHE:CZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:141:PHE:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:141:PHE:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:141:PHE:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:142:ILE:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:142:ILE:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:142:ILE:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:142:ILE:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:142:ILE:CG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:142:ILE:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:142:ILE:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:142:ILE:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:142:ILE:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:143:GLU:C	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:C11	2:B:143:GLU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:143:GLU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:143:GLU:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:143:GLU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:143:GLU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:143:GLU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:143:GLU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:143:GLU:OE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:143:GLU:OE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:158:THR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:158:THR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:158:THR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:158:THR:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:158:THR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:158:THR:HG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:158:THR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:158:THR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:158:THR:OG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:159:LEU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:159:LEU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:159:LEU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:159:LEU:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:159:LEU:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:159:LEU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:159:LEU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:159:LEU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:159:LEU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:160:VAL:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:160:VAL:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:160:VAL:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:160:VAL:CG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:160:VAL:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:160:VAL:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:160:VAL:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:160:VAL:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:170:MET:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:170:MET:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:170:MET:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:170:MET:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:170:MET:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:170:MET:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:170:MET:N	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:C11	2:B:170:MET:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:170:MET:SD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:171:SER:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:171:SER:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:171:SER:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:171:SER:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:171:SER:HG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:171:SER:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:171:SER:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:171:SER:OG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:172:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:172:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:172:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:172:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:172:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:172:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:172:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:172:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:172:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:172:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:172:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:172:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:172:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:173:ASP:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:173:ASP:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:173:ASP:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:173:ASP:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:173:ASP:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:173:ASP:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:173:ASP:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:173:ASP:OD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:173:ASP:OD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:174:GLY:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:174:GLY:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:174:GLY:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:174:GLY:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:174:GLY:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:175:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:175:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:175:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:175:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:175:LYS:CE	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:C11	2:B:175:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:175:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:175:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:175:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:175:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:175:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:175:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:175:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:176:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:176:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:176:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:176:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:176:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:176:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:176:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:176:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:176:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:176:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:176:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:176:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:176:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:177:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:177:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:177:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:177:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:177:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:177:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:177:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:177:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:177:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:177:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:177:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:177:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:177:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:178:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:178:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:178:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:178:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:178:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:178:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:178:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:178:LYS:HZ1	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:C11	2:B:178:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:178:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:178:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:178:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:178:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:184:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:184:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:184:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:184:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:184:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:184:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:184:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:184:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:184:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:184:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:184:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:184:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:184:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:185:CYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:185:CYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:185:CYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:185:CYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:185:CYS:HG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:185:CYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:185:CYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C11	2:B:185:CYS:SG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:1:MET:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:1:MET:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:1:MET:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:1:MET:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:1:MET:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:1:MET:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:1:MET:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:1:MET:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:1:MET:SD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:2:THR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:2:THR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:2:THR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:2:THR:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:2:THR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:2:THR:HG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:2:THR:N	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:C12	2:B:2:THR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:2:THR:OG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:3:GLU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:3:GLU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:3:GLU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:3:GLU:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:3:GLU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:3:GLU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:3:GLU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:3:GLU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:3:GLU:OE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:3:GLU:OE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:4:TYR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:4:TYR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:4:TYR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:4:TYR:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:4:TYR:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:4:TYR:CE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:4:TYR:CE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:4:TYR:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:4:TYR:CZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:4:TYR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:4:TYR:HH	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:4:TYR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:4:TYR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:4:TYR:OH	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:47:ASP:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:47:ASP:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:47:ASP:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:47:ASP:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:47:ASP:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:47:ASP:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:47:ASP:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:47:ASP:OD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:47:ASP:OD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:48:GLY:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:48:GLY:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:48:GLY:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:48:GLY:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:48:GLY:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:49:GLU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:49:GLU:CA	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:C12	2:B:49:GLU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:49:GLU:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:49:GLU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:49:GLU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:49:GLU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:49:GLU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:49:GLU:OE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:49:GLU:OE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:50:THR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:50:THR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:50:THR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:50:THR:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:50:THR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:50:THR:HG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:50:THR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:50:THR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:50:THR:OG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:51:CYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:51:CYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:51:CYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:51:CYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:51:CYS:HG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:51:CYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:51:CYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:51:CYS:SG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:105:ASP:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:105:ASP:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:105:ASP:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:105:ASP:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:105:ASP:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:105:ASP:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:105:ASP:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:105:ASP:OD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:105:ASP:OD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:106:SER:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:106:SER:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:106:SER:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:106:SER:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:106:SER:HG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:106:SER:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:106:SER:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:106:SER:OG	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:C12	2:B:107:GLU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:107:GLU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:107:GLU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:107:GLU:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:107:GLU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:107:GLU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:107:GLU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:107:GLU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:107:GLU:OE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:107:GLU:OE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:132:ASP:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:132:ASP:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:132:ASP:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:132:ASP:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:132:ASP:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:132:ASP:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:132:ASP:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:132:ASP:OD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:132:ASP:OD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:133:LEU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:133:LEU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:133:LEU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:133:LEU:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:133:LEU:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:133:LEU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:133:LEU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:133:LEU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:133:LEU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:134:ALA:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:134:ALA:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:134:ALA:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:134:ALA:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:134:ALA:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:134:ALA:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:137:TYR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:137:TYR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:137:TYR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:137:TYR:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:137:TYR:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:137:TYR:CE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:137:TYR:CE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:137:TYR:CG	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:C12	2:B:137:TYR:CZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:137:TYR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:137:TYR:HH	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:137:TYR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:137:TYR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:137:TYR:OH	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:138:GLY:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:138:GLY:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:138:GLY:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:138:GLY:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:138:GLY:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:139:ILE:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:139:ILE:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:139:ILE:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:139:ILE:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:139:ILE:CG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:139:ILE:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:139:ILE:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:139:ILE:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:139:ILE:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:140:PRO:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:140:PRO:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:140:PRO:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:140:PRO:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:140:PRO:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:140:PRO:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:140:PRO:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:141:PHE:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:141:PHE:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:141:PHE:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:141:PHE:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:141:PHE:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:141:PHE:CE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:141:PHE:CE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:141:PHE:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:141:PHE:CZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:141:PHE:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:141:PHE:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:141:PHE:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:142:ILE:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:142:ILE:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:142:ILE:CB	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:C12	2:B:142:ILE:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:142:ILE:CG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:142:ILE:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:142:ILE:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:142:ILE:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:142:ILE:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:143:GLU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:143:GLU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:143:GLU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:143:GLU:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:143:GLU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:143:GLU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:143:GLU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:143:GLU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:143:GLU:OE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:143:GLU:OE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:158:THR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:158:THR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:158:THR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:158:THR:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:158:THR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:158:THR:HG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:158:THR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:158:THR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:158:THR:OG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:159:LEU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:159:LEU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:159:LEU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:159:LEU:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:159:LEU:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:159:LEU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:159:LEU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:159:LEU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:159:LEU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:160:VAL:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:160:VAL:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:160:VAL:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:160:VAL:CG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:160:VAL:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:160:VAL:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:160:VAL:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:160:VAL:O	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:C12	2:B:170:MET:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:170:MET:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:170:MET:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:170:MET:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:170:MET:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:170:MET:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:170:MET:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:170:MET:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:170:MET:SD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:171:SER:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:171:SER:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:171:SER:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:171:SER:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:171:SER:HG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:171:SER:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:171:SER:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:171:SER:OG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:172:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:172:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:172:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:172:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:172:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:172:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:172:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:172:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:172:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:172:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:172:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:172:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:172:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:173:ASP:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:173:ASP:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:173:ASP:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:173:ASP:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:173:ASP:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:173:ASP:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:173:ASP:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:173:ASP:OD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:173:ASP:OD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:174:GLY:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:174:GLY:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:174:GLY:H	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:C12	2:B:174:GLY:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:174:GLY:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:175:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:175:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:175:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:175:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:175:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:175:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:175:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:175:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:175:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:175:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:175:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:175:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:175:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:176:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:176:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:176:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:176:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:176:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:176:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:176:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:176:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:176:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:176:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:176:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:176:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:176:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:177:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:177:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:177:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:177:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:177:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:177:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:177:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:177:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:177:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:177:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:177:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:177:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:177:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:178:LYS:C	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:C12	2:B:178:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:178:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:178:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:178:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:178:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:178:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:178:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:178:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:178:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:178:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:178:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:178:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:184:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:184:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:184:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:184:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:184:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:184:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:184:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:184:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:184:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:184:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:184:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:184:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:184:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:185:CYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:185:CYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:185:CYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:185:CYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:185:CYS:HG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:185:CYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:185:CYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C12	2:B:185:CYS:SG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:1:MET:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:1:MET:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:1:MET:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:1:MET:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:1:MET:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:1:MET:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:1:MET:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:1:MET:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:1:MET:SD	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:C13	2:B:2:THR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:2:THR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:2:THR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:2:THR:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:2:THR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:2:THR:HG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:2:THR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:2:THR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:2:THR:OG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:3:GLU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:3:GLU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:3:GLU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:3:GLU:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:3:GLU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:3:GLU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:3:GLU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:3:GLU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:3:GLU:OE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:3:GLU:OE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:4:TYR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:4:TYR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:4:TYR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:4:TYR:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:4:TYR:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:4:TYR:CE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:4:TYR:CE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:4:TYR:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:4:TYR:CZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:4:TYR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:4:TYR:HH	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:4:TYR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:4:TYR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:4:TYR:OH	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:47:ASP:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:47:ASP:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:47:ASP:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:47:ASP:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:47:ASP:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:47:ASP:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:47:ASP:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:47:ASP:OD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:47:ASP:OD2	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:C13	2:B:48:GLY:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:48:GLY:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:48:GLY:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:48:GLY:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:48:GLY:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:49:GLU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:49:GLU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:49:GLU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:49:GLU:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:49:GLU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:49:GLU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:49:GLU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:49:GLU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:49:GLU:OE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:49:GLU:OE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:50:THR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:50:THR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:50:THR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:50:THR:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:50:THR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:50:THR:HG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:50:THR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:50:THR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:50:THR:OG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:51:CYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:51:CYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:51:CYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:51:CYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:51:CYS:HG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:51:CYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:51:CYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:51:CYS:SG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:105:ASP:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:105:ASP:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:105:ASP:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:105:ASP:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:105:ASP:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:105:ASP:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:105:ASP:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:105:ASP:OD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:105:ASP:OD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:106:SER:C	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:C13	2:B:106:SER:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:106:SER:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:106:SER:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:106:SER:HG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:106:SER:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:106:SER:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:106:SER:OG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:107:GLU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:107:GLU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:107:GLU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:107:GLU:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:107:GLU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:107:GLU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:107:GLU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:107:GLU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:107:GLU:OE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:107:GLU:OE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:132:ASP:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:132:ASP:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:132:ASP:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:132:ASP:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:132:ASP:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:132:ASP:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:132:ASP:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:132:ASP:OD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:132:ASP:OD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:133:LEU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:133:LEU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:133:LEU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:133:LEU:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:133:LEU:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:133:LEU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:133:LEU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:133:LEU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:133:LEU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:134:ALA:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:134:ALA:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:134:ALA:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:134:ALA:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:134:ALA:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:134:ALA:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:137:TYR:C	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:C13	2:B:137:TYR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:137:TYR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:137:TYR:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:137:TYR:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:137:TYR:CE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:137:TYR:CE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:137:TYR:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:137:TYR:CZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:137:TYR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:137:TYR:HH	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:137:TYR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:137:TYR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:137:TYR:OH	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:138:GLY:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:138:GLY:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:138:GLY:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:138:GLY:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:138:GLY:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:139:ILE:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:139:ILE:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:139:ILE:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:139:ILE:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:139:ILE:CG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:139:ILE:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:139:ILE:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:139:ILE:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:139:ILE:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:140:PRO:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:140:PRO:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:140:PRO:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:140:PRO:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:140:PRO:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:140:PRO:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:140:PRO:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:141:PHE:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:141:PHE:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:141:PHE:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:141:PHE:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:141:PHE:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:141:PHE:CE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:141:PHE:CE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:141:PHE:CG	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:C13	2:B:141:PHE:CZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:141:PHE:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:141:PHE:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:141:PHE:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:142:ILE:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:142:ILE:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:142:ILE:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:142:ILE:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:142:ILE:CG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:142:ILE:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:142:ILE:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:142:ILE:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:142:ILE:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:143:GLU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:143:GLU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:143:GLU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:143:GLU:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:143:GLU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:143:GLU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:143:GLU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:143:GLU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:143:GLU:OE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:143:GLU:OE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:158:THR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:158:THR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:158:THR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:158:THR:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:158:THR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:158:THR:HG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:158:THR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:158:THR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:158:THR:OG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:159:LEU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:159:LEU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:159:LEU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:159:LEU:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:159:LEU:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:159:LEU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:159:LEU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:159:LEU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:159:LEU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:160:VAL:C	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:C13	2:B:160:VAL:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:160:VAL:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:160:VAL:CG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:160:VAL:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:160:VAL:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:160:VAL:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:160:VAL:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:170:MET:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:170:MET:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:170:MET:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:170:MET:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:170:MET:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:170:MET:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:170:MET:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:170:MET:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:170:MET:SD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:171:SER:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:171:SER:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:171:SER:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:171:SER:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:171:SER:HG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:171:SER:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:171:SER:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:171:SER:OG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:172:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:172:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:172:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:172:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:172:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:172:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:172:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:172:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:172:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:172:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:172:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:172:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:172:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:173:ASP:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:173:ASP:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:173:ASP:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:173:ASP:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:173:ASP:H	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:C13	2:B:173:ASP:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:173:ASP:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:173:ASP:OD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:173:ASP:OD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:174:GLY:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:174:GLY:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:174:GLY:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:174:GLY:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:174:GLY:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:175:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:175:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:175:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:175:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:175:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:175:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:175:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:175:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:175:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:175:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:175:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:175:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:175:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:176:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:176:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:176:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:176:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:176:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:176:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:176:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:176:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:176:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:176:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:176:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:176:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:176:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:177:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:177:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:177:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:177:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:177:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:177:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:177:LYS:H	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:C13	2:B:177:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:177:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:177:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:177:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:177:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:177:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:178:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:178:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:178:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:178:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:178:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:178:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:178:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:178:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:178:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:178:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:178:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:178:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:178:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:184:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:184:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:184:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:184:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:184:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:184:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:184:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:184:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:184:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:184:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:184:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:184:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:184:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:185:CYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:185:CYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:185:CYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:185:CYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:185:CYS:HG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:185:CYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:185:CYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C13	2:B:185:CYS:SG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:1:MET:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:1:MET:CA	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:C14	2:B:1:MET:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:1:MET:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:1:MET:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:1:MET:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:1:MET:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:1:MET:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:1:MET:SD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:2:THR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:2:THR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:2:THR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:2:THR:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:2:THR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:2:THR:HG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:2:THR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:2:THR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:2:THR:OG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:3:GLU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:3:GLU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:3:GLU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:3:GLU:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:3:GLU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:3:GLU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:3:GLU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:3:GLU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:3:GLU:OE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:3:GLU:OE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:4:TYR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:4:TYR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:4:TYR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:4:TYR:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:4:TYR:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:4:TYR:CE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:4:TYR:CE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:4:TYR:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:4:TYR:CZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:4:TYR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:4:TYR:HH	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:4:TYR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:4:TYR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:4:TYR:OH	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:47:ASP:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:47:ASP:CA	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:C14	2:B:47:ASP:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:47:ASP:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:47:ASP:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:47:ASP:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:47:ASP:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:47:ASP:OD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:47:ASP:OD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:48:GLY:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:48:GLY:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:48:GLY:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:48:GLY:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:48:GLY:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:49:GLU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:49:GLU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:49:GLU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:49:GLU:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:49:GLU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:49:GLU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:49:GLU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:49:GLU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:49:GLU:OE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:49:GLU:OE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:50:THR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:50:THR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:50:THR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:50:THR:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:50:THR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:50:THR:HG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:50:THR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:50:THR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:50:THR:OG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:51:CYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:51:CYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:51:CYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:51:CYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:51:CYS:HG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:51:CYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:51:CYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:51:CYS:SG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:105:ASP:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:105:ASP:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:105:ASP:CB	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:C14	2:B:105:ASP:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:105:ASP:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:105:ASP:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:105:ASP:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:105:ASP:OD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:105:ASP:OD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:106:SER:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:106:SER:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:106:SER:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:106:SER:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:106:SER:HG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:106:SER:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:106:SER:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:106:SER:OG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:107:GLU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:107:GLU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:107:GLU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:107:GLU:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:107:GLU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:107:GLU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:107:GLU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:107:GLU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:107:GLU:OE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:107:GLU:OE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:132:ASP:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:132:ASP:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:132:ASP:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:132:ASP:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:132:ASP:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:132:ASP:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:132:ASP:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:132:ASP:OD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:132:ASP:OD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:133:LEU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:133:LEU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:133:LEU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:133:LEU:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:133:LEU:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:133:LEU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:133:LEU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:133:LEU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:133:LEU:O	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:C14	2:B:134:ALA:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:134:ALA:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:134:ALA:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:134:ALA:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:134:ALA:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:134:ALA:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:137:TYR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:137:TYR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:137:TYR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:137:TYR:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:137:TYR:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:137:TYR:CE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:137:TYR:CE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:137:TYR:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:137:TYR:CZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:137:TYR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:137:TYR:HH	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:137:TYR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:137:TYR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:137:TYR:OH	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:138:GLY:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:138:GLY:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:138:GLY:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:138:GLY:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:138:GLY:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:139:ILE:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:139:ILE:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:139:ILE:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:139:ILE:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:139:ILE:CG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:139:ILE:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:139:ILE:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:139:ILE:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:139:ILE:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:140:PRO:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:140:PRO:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:140:PRO:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:140:PRO:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:140:PRO:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:140:PRO:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:140:PRO:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:141:PHE:C	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:C14	2:B:141:PHE:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:141:PHE:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:141:PHE:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:141:PHE:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:141:PHE:CE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:141:PHE:CE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:141:PHE:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:141:PHE:CZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:141:PHE:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:141:PHE:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:141:PHE:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:142:ILE:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:142:ILE:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:142:ILE:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:142:ILE:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:142:ILE:CG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:142:ILE:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:142:ILE:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:142:ILE:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:142:ILE:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:143:GLU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:143:GLU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:143:GLU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:143:GLU:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:143:GLU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:143:GLU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:143:GLU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:143:GLU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:143:GLU:OE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:143:GLU:OE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:158:THR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:158:THR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:158:THR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:158:THR:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:158:THR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:158:THR:HG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:158:THR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:158:THR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:158:THR:OG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:159:LEU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:159:LEU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:159:LEU:CB	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:C14	2:B:159:LEU:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:159:LEU:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:159:LEU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:159:LEU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:159:LEU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:159:LEU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:160:VAL:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:160:VAL:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:160:VAL:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:160:VAL:CG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:160:VAL:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:160:VAL:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:160:VAL:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:160:VAL:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:170:MET:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:170:MET:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:170:MET:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:170:MET:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:170:MET:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:170:MET:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:170:MET:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:170:MET:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:170:MET:SD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:171:SER:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:171:SER:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:171:SER:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:171:SER:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:171:SER:HG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:171:SER:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:171:SER:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:171:SER:OG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:172:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:172:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:172:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:172:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:172:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:172:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:172:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:172:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:172:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:172:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:172:LYS:N	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:C14	2:B:172:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:172:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:173:ASP:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:173:ASP:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:173:ASP:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:173:ASP:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:173:ASP:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:173:ASP:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:173:ASP:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:173:ASP:OD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:173:ASP:OD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:174:GLY:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:174:GLY:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:174:GLY:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:174:GLY:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:174:GLY:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:175:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:175:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:175:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:175:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:175:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:175:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:175:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:175:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:175:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:175:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:175:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:175:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:175:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:176:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:176:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:176:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:176:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:176:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:176:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:176:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:176:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:176:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:176:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:176:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:176:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:176:LYS:O	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:C14	2:B:177:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:177:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:177:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:177:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:177:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:177:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:177:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:177:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:177:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:177:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:177:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:177:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:177:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:178:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:178:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:178:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:178:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:178:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:178:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:178:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:178:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:178:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:178:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:178:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:178:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:178:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:184:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:184:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:184:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:184:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:184:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:184:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:184:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:184:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:184:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:184:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:184:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:184:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:184:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:185:CYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:185:CYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:185:CYS:CB	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:C14	2:B:185:CYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:185:CYS:HG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:185:CYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:185:CYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C14	2:B:185:CYS:SG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:1:MET:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:1:MET:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:1:MET:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:1:MET:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:1:MET:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:1:MET:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:1:MET:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:1:MET:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:1:MET:SD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:2:THR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:2:THR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:2:THR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:2:THR:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:2:THR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:2:THR:HG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:2:THR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:2:THR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:2:THR:OG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:3:GLU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:3:GLU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:3:GLU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:3:GLU:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:3:GLU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:3:GLU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:3:GLU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:3:GLU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:3:GLU:OE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:3:GLU:OE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:4:TYR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:4:TYR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:4:TYR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:4:TYR:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:4:TYR:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:4:TYR:CE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:4:TYR:CE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:4:TYR:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:4:TYR:CZ	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:C15	2:B:4:TYR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:4:TYR:HH	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:4:TYR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:4:TYR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:4:TYR:OH	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:47:ASP:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:47:ASP:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:47:ASP:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:47:ASP:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:47:ASP:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:47:ASP:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:47:ASP:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:47:ASP:OD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:47:ASP:OD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:48:GLY:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:48:GLY:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:48:GLY:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:48:GLY:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:48:GLY:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:49:GLU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:49:GLU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:49:GLU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:49:GLU:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:49:GLU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:49:GLU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:49:GLU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:49:GLU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:49:GLU:OE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:49:GLU:OE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:50:THR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:50:THR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:50:THR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:50:THR:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:50:THR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:50:THR:HG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:50:THR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:50:THR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:50:THR:OG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:51:CYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:51:CYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:51:CYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:51:CYS:H	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:C15	2:B:51:CYS:HG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:51:CYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:51:CYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:51:CYS:SG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:105:ASP:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:105:ASP:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:105:ASP:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:105:ASP:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:105:ASP:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:105:ASP:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:105:ASP:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:105:ASP:OD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:105:ASP:OD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:106:SER:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:106:SER:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:106:SER:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:106:SER:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:106:SER:HG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:106:SER:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:106:SER:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:106:SER:OG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:107:GLU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:107:GLU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:107:GLU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:107:GLU:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:107:GLU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:107:GLU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:107:GLU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:107:GLU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:107:GLU:OE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:107:GLU:OE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:132:ASP:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:132:ASP:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:132:ASP:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:132:ASP:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:132:ASP:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:132:ASP:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:132:ASP:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:132:ASP:OD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:132:ASP:OD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:133:LEU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:133:LEU:CA	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:C15	2:B:133:LEU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:133:LEU:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:133:LEU:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:133:LEU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:133:LEU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:133:LEU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:133:LEU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:134:ALA:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:134:ALA:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:134:ALA:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:134:ALA:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:134:ALA:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:134:ALA:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:137:TYR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:137:TYR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:137:TYR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:137:TYR:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:137:TYR:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:137:TYR:CE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:137:TYR:CE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:137:TYR:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:137:TYR:CZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:137:TYR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:137:TYR:HH	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:137:TYR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:137:TYR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:137:TYR:OH	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:138:GLY:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:138:GLY:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:138:GLY:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:138:GLY:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:138:GLY:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:139:ILE:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:139:ILE:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:139:ILE:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:139:ILE:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:139:ILE:CG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:139:ILE:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:139:ILE:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:139:ILE:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:139:ILE:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:140:PRO:C	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:C15	2:B:140:PRO:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:140:PRO:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:140:PRO:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:140:PRO:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:140:PRO:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:140:PRO:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:141:PHE:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:141:PHE:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:141:PHE:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:141:PHE:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:141:PHE:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:141:PHE:CE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:141:PHE:CE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:141:PHE:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:141:PHE:CZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:141:PHE:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:141:PHE:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:141:PHE:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:142:ILE:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:142:ILE:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:142:ILE:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:142:ILE:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:142:ILE:CG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:142:ILE:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:142:ILE:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:142:ILE:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:142:ILE:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:143:GLU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:143:GLU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:143:GLU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:143:GLU:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:143:GLU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:143:GLU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:143:GLU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:143:GLU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:143:GLU:OE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:143:GLU:OE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:158:THR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:158:THR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:158:THR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:158:THR:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:158:THR:H	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:C15	2:B:158:THR:HG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:158:THR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:158:THR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:158:THR:OG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:159:LEU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:159:LEU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:159:LEU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:159:LEU:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:159:LEU:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:159:LEU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:159:LEU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:159:LEU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:159:LEU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:160:VAL:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:160:VAL:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:160:VAL:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:160:VAL:CG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:160:VAL:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:160:VAL:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:160:VAL:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:160:VAL:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:170:MET:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:170:MET:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:170:MET:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:170:MET:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:170:MET:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:170:MET:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:170:MET:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:170:MET:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:170:MET:SD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:171:SER:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:171:SER:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:171:SER:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:171:SER:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:171:SER:HG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:171:SER:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:171:SER:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:171:SER:OG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:172:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:172:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:172:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:172:LYS:CD	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:C15	2:B:172:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:172:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:172:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:172:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:172:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:172:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:172:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:172:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:172:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:173:ASP:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:173:ASP:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:173:ASP:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:173:ASP:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:173:ASP:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:173:ASP:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:173:ASP:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:173:ASP:OD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:173:ASP:OD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:174:GLY:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:174:GLY:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:174:GLY:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:174:GLY:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:174:GLY:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:175:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:175:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:175:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:175:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:175:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:175:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:175:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:175:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:175:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:175:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:175:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:175:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:175:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:176:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:176:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:176:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:176:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:176:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:176:LYS:CG	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:C15	2:B:176:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:176:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:176:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:176:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:176:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:176:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:176:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:177:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:177:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:177:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:177:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:177:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:177:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:177:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:177:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:177:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:177:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:177:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:177:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:177:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:178:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:178:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:178:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:178:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:178:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:178:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:178:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:178:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:178:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:178:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:178:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:178:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:178:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:184:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:184:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:184:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:184:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:184:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:184:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:184:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:184:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:184:LYS:HZ2	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:C15	2:B:184:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:184:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:184:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:184:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:185:CYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:185:CYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:185:CYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:185:CYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:185:CYS:HG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:185:CYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:185:CYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:C15	2:B:185:CYS:SG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:1:MET:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:1:MET:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:1:MET:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:1:MET:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:1:MET:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:1:MET:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:1:MET:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:1:MET:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:1:MET:SD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:2:THR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:2:THR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:2:THR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:2:THR:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:2:THR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:2:THR:HG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:2:THR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:2:THR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:2:THR:OG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:3:GLU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:3:GLU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:3:GLU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:3:GLU:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:3:GLU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:3:GLU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:3:GLU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:3:GLU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:3:GLU:OE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:3:GLU:OE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:4:TYR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:4:TYR:CA	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:N	2:B:4:TYR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:4:TYR:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:4:TYR:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:4:TYR:CE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:4:TYR:CE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:4:TYR:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:4:TYR:CZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:4:TYR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:4:TYR:HH	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:4:TYR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:4:TYR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:4:TYR:OH	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:47:ASP:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:47:ASP:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:47:ASP:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:47:ASP:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:47:ASP:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:47:ASP:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:47:ASP:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:47:ASP:OD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:47:ASP:OD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:48:GLY:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:48:GLY:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:48:GLY:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:48:GLY:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:48:GLY:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:49:GLU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:49:GLU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:49:GLU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:49:GLU:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:49:GLU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:49:GLU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:49:GLU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:49:GLU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:49:GLU:OE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:49:GLU:OE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:50:THR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:50:THR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:50:THR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:50:THR:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:50:THR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:50:THR:HG1	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:N	2:B:50:THR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:50:THR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:50:THR:OG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:51:CYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:51:CYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:51:CYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:51:CYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:51:CYS:HG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:51:CYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:51:CYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:51:CYS:SG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:105:ASP:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:105:ASP:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:105:ASP:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:105:ASP:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:105:ASP:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:105:ASP:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:105:ASP:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:105:ASP:OD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:105:ASP:OD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:106:SER:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:106:SER:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:106:SER:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:106:SER:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:106:SER:HG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:106:SER:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:106:SER:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:106:SER:OG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:107:GLU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:107:GLU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:107:GLU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:107:GLU:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:107:GLU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:107:GLU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:107:GLU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:107:GLU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:107:GLU:OE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:107:GLU:OE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:132:ASP:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:132:ASP:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:132:ASP:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:132:ASP:CG	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:N	2:B:132:ASP:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:132:ASP:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:132:ASP:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:132:ASP:OD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:132:ASP:OD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:133:LEU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:133:LEU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:133:LEU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:133:LEU:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:133:LEU:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:133:LEU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:133:LEU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:133:LEU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:133:LEU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:134:ALA:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:134:ALA:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:134:ALA:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:134:ALA:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:134:ALA:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:134:ALA:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:137:TYR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:137:TYR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:137:TYR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:137:TYR:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:137:TYR:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:137:TYR:CE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:137:TYR:CE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:137:TYR:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:137:TYR:CZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:137:TYR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:137:TYR:HH	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:137:TYR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:137:TYR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:137:TYR:OH	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:138:GLY:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:138:GLY:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:138:GLY:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:138:GLY:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:138:GLY:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:139:ILE:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:139:ILE:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:139:ILE:CB	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:N	2:B:139:ILE:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:139:ILE:CG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:139:ILE:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:139:ILE:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:139:ILE:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:139:ILE:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:140:PRO:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:140:PRO:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:140:PRO:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:140:PRO:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:140:PRO:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:140:PRO:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:140:PRO:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:141:PHE:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:141:PHE:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:141:PHE:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:141:PHE:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:141:PHE:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:141:PHE:CE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:141:PHE:CE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:141:PHE:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:141:PHE:CZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:141:PHE:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:141:PHE:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:141:PHE:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:142:ILE:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:142:ILE:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:142:ILE:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:142:ILE:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:142:ILE:CG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:142:ILE:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:142:ILE:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:142:ILE:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:142:ILE:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:143:GLU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:143:GLU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:143:GLU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:143:GLU:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:143:GLU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:143:GLU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:143:GLU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:143:GLU:O	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:N	2:B:143:GLU:OE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:143:GLU:OE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:158:THR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:158:THR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:158:THR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:158:THR:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:158:THR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:158:THR:HG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:158:THR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:158:THR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:158:THR:OG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:159:LEU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:159:LEU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:159:LEU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:159:LEU:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:159:LEU:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:159:LEU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:159:LEU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:159:LEU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:159:LEU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:160:VAL:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:160:VAL:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:160:VAL:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:160:VAL:CG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:160:VAL:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:160:VAL:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:160:VAL:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:160:VAL:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:170:MET:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:170:MET:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:170:MET:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:170:MET:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:170:MET:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:170:MET:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:170:MET:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:170:MET:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:170:MET:SD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:171:SER:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:171:SER:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:171:SER:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:171:SER:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:171:SER:HG	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:N	2:B:171:SER:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:171:SER:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:171:SER:OG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:172:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:172:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:172:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:172:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:172:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:172:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:172:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:172:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:172:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:172:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:172:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:172:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:172:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:173:ASP:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:173:ASP:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:173:ASP:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:173:ASP:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:173:ASP:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:173:ASP:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:173:ASP:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:173:ASP:OD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:173:ASP:OD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:174:GLY:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:174:GLY:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:174:GLY:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:174:GLY:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:174:GLY:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:175:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:175:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:175:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:175:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:175:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:175:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:175:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:175:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:175:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:175:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:175:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:175:LYS:NZ	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:N	2:B:175:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:176:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:176:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:176:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:176:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:176:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:176:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:176:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:176:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:176:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:176:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:176:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:176:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:176:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:177:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:177:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:177:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:177:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:177:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:177:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:177:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:177:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:177:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:177:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:177:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:177:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:177:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:178:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:178:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:178:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:178:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:178:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:178:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:178:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:178:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:178:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:178:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:178:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:178:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:178:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:184:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:184:LYS:CA	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:N	2:B:184:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:184:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:184:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:184:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:184:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:184:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:184:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:184:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:184:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:184:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:184:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:185:CYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:185:CYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:185:CYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:185:CYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:185:CYS:HG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:185:CYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:185:CYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:N	2:B:185:CYS:SG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:1:MET:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:1:MET:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:1:MET:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:1:MET:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:1:MET:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:1:MET:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:1:MET:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:1:MET:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:1:MET:SD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:2:THR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:2:THR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:2:THR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:2:THR:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:2:THR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:2:THR:HG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:2:THR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:2:THR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:2:THR:OG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:3:GLU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:3:GLU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:3:GLU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:3:GLU:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:3:GLU:CG	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:O11	2:B:3:GLU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:3:GLU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:3:GLU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:3:GLU:OE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:3:GLU:OE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:4:TYR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:4:TYR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:4:TYR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:4:TYR:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:4:TYR:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:4:TYR:CE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:4:TYR:CE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:4:TYR:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:4:TYR:CZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:4:TYR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:4:TYR:HH	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:4:TYR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:4:TYR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:4:TYR:OH	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:47:ASP:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:47:ASP:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:47:ASP:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:47:ASP:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:47:ASP:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:47:ASP:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:47:ASP:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:47:ASP:OD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:47:ASP:OD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:48:GLY:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:48:GLY:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:48:GLY:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:48:GLY:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:48:GLY:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:49:GLU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:49:GLU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:49:GLU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:49:GLU:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:49:GLU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:49:GLU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:49:GLU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:49:GLU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:49:GLU:OE1	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:O11	2:B:49:GLU:OE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:50:THR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:50:THR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:50:THR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:50:THR:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:50:THR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:50:THR:HG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:50:THR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:50:THR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:50:THR:OG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:51:CYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:51:CYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:51:CYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:51:CYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:51:CYS:HG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:51:CYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:51:CYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:51:CYS:SG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:105:ASP:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:105:ASP:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:105:ASP:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:105:ASP:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:105:ASP:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:105:ASP:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:105:ASP:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:105:ASP:OD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:105:ASP:OD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:106:SER:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:106:SER:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:106:SER:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:106:SER:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:106:SER:HG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:106:SER:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:106:SER:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:106:SER:OG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:107:GLU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:107:GLU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:107:GLU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:107:GLU:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:107:GLU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:107:GLU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:107:GLU:N	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:O11	2:B:107:GLU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:107:GLU:OE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:107:GLU:OE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:132:ASP:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:132:ASP:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:132:ASP:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:132:ASP:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:132:ASP:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:132:ASP:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:132:ASP:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:132:ASP:OD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:132:ASP:OD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:133:LEU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:133:LEU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:133:LEU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:133:LEU:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:133:LEU:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:133:LEU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:133:LEU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:133:LEU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:133:LEU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:134:ALA:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:134:ALA:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:134:ALA:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:134:ALA:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:134:ALA:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:134:ALA:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:137:TYR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:137:TYR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:137:TYR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:137:TYR:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:137:TYR:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:137:TYR:CE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:137:TYR:CE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:137:TYR:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:137:TYR:CZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:137:TYR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:137:TYR:HH	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:137:TYR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:137:TYR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:137:TYR:OH	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:138:GLY:C	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:O11	2:B:138:GLY:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:138:GLY:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:138:GLY:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:138:GLY:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:139:ILE:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:139:ILE:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:139:ILE:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:139:ILE:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:139:ILE:CG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:139:ILE:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:139:ILE:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:139:ILE:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:139:ILE:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:140:PRO:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:140:PRO:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:140:PRO:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:140:PRO:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:140:PRO:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:140:PRO:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:140:PRO:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:141:PHE:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:141:PHE:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:141:PHE:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:141:PHE:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:141:PHE:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:141:PHE:CE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:141:PHE:CE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:141:PHE:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:141:PHE:CZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:141:PHE:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:141:PHE:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:141:PHE:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:142:ILE:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:142:ILE:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:142:ILE:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:142:ILE:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:142:ILE:CG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:142:ILE:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:142:ILE:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:142:ILE:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:142:ILE:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:143:GLU:C	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:O11	2:B:143:GLU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:143:GLU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:143:GLU:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:143:GLU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:143:GLU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:143:GLU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:143:GLU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:143:GLU:OE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:143:GLU:OE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:158:THR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:158:THR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:158:THR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:158:THR:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:158:THR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:158:THR:HG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:158:THR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:158:THR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:158:THR:OG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:159:LEU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:159:LEU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:159:LEU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:159:LEU:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:159:LEU:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:159:LEU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:159:LEU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:159:LEU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:159:LEU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:160:VAL:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:160:VAL:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:160:VAL:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:160:VAL:CG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:160:VAL:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:160:VAL:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:160:VAL:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:160:VAL:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:170:MET:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:170:MET:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:170:MET:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:170:MET:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:170:MET:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:170:MET:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:170:MET:N	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:O11	2:B:170:MET:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:170:MET:SD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:171:SER:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:171:SER:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:171:SER:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:171:SER:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:171:SER:HG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:171:SER:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:171:SER:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:171:SER:OG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:172:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:172:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:172:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:172:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:172:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:172:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:172:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:172:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:172:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:172:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:172:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:172:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:172:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:173:ASP:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:173:ASP:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:173:ASP:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:173:ASP:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:173:ASP:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:173:ASP:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:173:ASP:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:173:ASP:OD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:173:ASP:OD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:174:GLY:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:174:GLY:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:174:GLY:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:174:GLY:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:174:GLY:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:175:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:175:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:175:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:175:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:175:LYS:CE	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:O11	2:B:175:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:175:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:175:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:175:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:175:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:175:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:175:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:175:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:176:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:176:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:176:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:176:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:176:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:176:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:176:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:176:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:176:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:176:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:176:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:176:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:176:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:177:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:177:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:177:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:177:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:177:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:177:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:177:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:177:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:177:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:177:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:177:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:177:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:177:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:178:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:178:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:178:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:178:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:178:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:178:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:178:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:178:LYS:HZ1	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:O11	2:B:178:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:178:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:178:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:178:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:178:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:184:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:184:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:184:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:184:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:184:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:184:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:184:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:184:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:184:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:184:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:184:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:184:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:184:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:185:CYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:185:CYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:185:CYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:185:CYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:185:CYS:HG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:185:CYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:185:CYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O11	2:B:185:CYS:SG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:1:MET:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:1:MET:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:1:MET:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:1:MET:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:1:MET:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:1:MET:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:1:MET:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:1:MET:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:1:MET:SD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:2:THR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:2:THR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:2:THR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:2:THR:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:2:THR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:2:THR:HG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:2:THR:N	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:O2	2:B:2:THR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:2:THR:OG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:3:GLU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:3:GLU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:3:GLU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:3:GLU:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:3:GLU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:3:GLU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:3:GLU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:3:GLU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:3:GLU:OE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:3:GLU:OE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:4:TYR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:4:TYR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:4:TYR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:4:TYR:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:4:TYR:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:4:TYR:CE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:4:TYR:CE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:4:TYR:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:4:TYR:CZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:4:TYR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:4:TYR:HH	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:4:TYR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:4:TYR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:4:TYR:OH	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:47:ASP:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:47:ASP:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:47:ASP:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:47:ASP:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:47:ASP:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:47:ASP:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:47:ASP:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:47:ASP:OD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:47:ASP:OD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:48:GLY:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:48:GLY:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:48:GLY:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:48:GLY:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:48:GLY:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:49:GLU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:49:GLU:CA	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:O2	2:B:49:GLU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:49:GLU:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:49:GLU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:49:GLU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:49:GLU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:49:GLU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:49:GLU:OE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:49:GLU:OE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:50:THR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:50:THR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:50:THR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:50:THR:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:50:THR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:50:THR:HG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:50:THR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:50:THR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:50:THR:OG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:51:CYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:51:CYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:51:CYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:51:CYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:51:CYS:HG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:51:CYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:51:CYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:51:CYS:SG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:105:ASP:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:105:ASP:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:105:ASP:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:105:ASP:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:105:ASP:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:105:ASP:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:105:ASP:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:105:ASP:OD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:105:ASP:OD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:106:SER:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:106:SER:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:106:SER:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:106:SER:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:106:SER:HG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:106:SER:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:106:SER:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:106:SER:OG	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:O2	2:B:107:GLU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:107:GLU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:107:GLU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:107:GLU:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:107:GLU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:107:GLU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:107:GLU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:107:GLU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:107:GLU:OE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:107:GLU:OE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:132:ASP:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:132:ASP:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:132:ASP:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:132:ASP:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:132:ASP:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:132:ASP:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:132:ASP:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:132:ASP:OD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:132:ASP:OD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:133:LEU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:133:LEU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:133:LEU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:133:LEU:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:133:LEU:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:133:LEU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:133:LEU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:133:LEU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:133:LEU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:134:ALA:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:134:ALA:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:134:ALA:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:134:ALA:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:134:ALA:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:134:ALA:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:137:TYR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:137:TYR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:137:TYR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:137:TYR:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:137:TYR:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:137:TYR:CE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:137:TYR:CE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:137:TYR:CG	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:O2	2:B:137:TYR:CZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:137:TYR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:137:TYR:HH	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:137:TYR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:137:TYR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:137:TYR:OH	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:138:GLY:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:138:GLY:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:138:GLY:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:138:GLY:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:138:GLY:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:139:ILE:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:139:ILE:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:139:ILE:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:139:ILE:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:139:ILE:CG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:139:ILE:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:139:ILE:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:139:ILE:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:139:ILE:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:140:PRO:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:140:PRO:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:140:PRO:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:140:PRO:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:140:PRO:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:140:PRO:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:140:PRO:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:141:PHE:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:141:PHE:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:141:PHE:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:141:PHE:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:141:PHE:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:141:PHE:CE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:141:PHE:CE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:141:PHE:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:141:PHE:CZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:141:PHE:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:141:PHE:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:141:PHE:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:142:ILE:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:142:ILE:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:142:ILE:CB	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:O2	2:B:142:ILE:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:142:ILE:CG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:142:ILE:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:142:ILE:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:142:ILE:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:142:ILE:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:143:GLU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:143:GLU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:143:GLU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:143:GLU:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:143:GLU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:143:GLU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:143:GLU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:143:GLU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:143:GLU:OE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:143:GLU:OE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:158:THR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:158:THR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:158:THR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:158:THR:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:158:THR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:158:THR:HG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:158:THR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:158:THR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:158:THR:OG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:159:LEU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:159:LEU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:159:LEU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:159:LEU:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:159:LEU:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:159:LEU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:159:LEU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:159:LEU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:159:LEU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:160:VAL:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:160:VAL:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:160:VAL:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:160:VAL:CG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:160:VAL:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:160:VAL:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:160:VAL:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:160:VAL:O	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:O2	2:B:170:MET:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:170:MET:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:170:MET:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:170:MET:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:170:MET:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:170:MET:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:170:MET:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:170:MET:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:170:MET:SD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:171:SER:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:171:SER:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:171:SER:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:171:SER:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:171:SER:HG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:171:SER:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:171:SER:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:171:SER:OG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:172:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:172:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:172:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:172:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:172:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:172:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:172:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:172:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:172:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:172:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:172:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:172:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:172:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:173:ASP:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:173:ASP:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:173:ASP:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:173:ASP:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:173:ASP:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:173:ASP:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:173:ASP:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:173:ASP:OD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:173:ASP:OD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:174:GLY:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:174:GLY:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:174:GLY:H	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:O2	2:B:174:GLY:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:174:GLY:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:175:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:175:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:175:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:175:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:175:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:175:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:175:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:175:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:175:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:175:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:175:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:175:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:175:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:176:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:176:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:176:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:176:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:176:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:176:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:176:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:176:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:176:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:176:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:176:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:176:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:176:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:177:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:177:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:177:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:177:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:177:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:177:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:177:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:177:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:177:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:177:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:177:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:177:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:177:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:178:LYS:C	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:O2	2:B:178:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:178:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:178:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:178:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:178:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:178:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:178:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:178:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:178:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:178:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:178:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:178:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:184:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:184:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:184:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:184:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:184:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:184:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:184:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:184:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:184:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:184:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:184:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:184:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:184:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:185:CYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:185:CYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:185:CYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:185:CYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:185:CYS:HG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:185:CYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:185:CYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O2	2:B:185:CYS:SG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:1:MET:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:1:MET:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:1:MET:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:1:MET:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:1:MET:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:1:MET:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:1:MET:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:1:MET:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:1:MET:SD	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:O3	2:B:2:THR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:2:THR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:2:THR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:2:THR:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:2:THR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:2:THR:HG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:2:THR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:2:THR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:2:THR:OG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:3:GLU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:3:GLU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:3:GLU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:3:GLU:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:3:GLU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:3:GLU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:3:GLU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:3:GLU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:3:GLU:OE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:3:GLU:OE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:4:TYR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:4:TYR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:4:TYR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:4:TYR:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:4:TYR:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:4:TYR:CE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:4:TYR:CE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:4:TYR:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:4:TYR:CZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:4:TYR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:4:TYR:HH	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:4:TYR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:4:TYR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:4:TYR:OH	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:47:ASP:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:47:ASP:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:47:ASP:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:47:ASP:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:47:ASP:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:47:ASP:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:47:ASP:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:47:ASP:OD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:47:ASP:OD2	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:O3	2:B:48:GLY:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:48:GLY:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:48:GLY:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:48:GLY:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:48:GLY:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:49:GLU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:49:GLU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:49:GLU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:49:GLU:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:49:GLU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:49:GLU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:49:GLU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:49:GLU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:49:GLU:OE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:49:GLU:OE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:50:THR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:50:THR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:50:THR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:50:THR:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:50:THR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:50:THR:HG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:50:THR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:50:THR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:50:THR:OG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:51:CYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:51:CYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:51:CYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:51:CYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:51:CYS:HG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:51:CYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:51:CYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:51:CYS:SG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:105:ASP:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:105:ASP:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:105:ASP:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:105:ASP:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:105:ASP:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:105:ASP:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:105:ASP:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:105:ASP:OD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:105:ASP:OD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:106:SER:C	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:O3	2:B:106:SER:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:106:SER:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:106:SER:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:106:SER:HG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:106:SER:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:106:SER:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:106:SER:OG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:107:GLU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:107:GLU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:107:GLU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:107:GLU:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:107:GLU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:107:GLU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:107:GLU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:107:GLU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:107:GLU:OE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:107:GLU:OE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:132:ASP:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:132:ASP:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:132:ASP:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:132:ASP:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:132:ASP:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:132:ASP:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:132:ASP:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:132:ASP:OD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:132:ASP:OD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:133:LEU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:133:LEU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:133:LEU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:133:LEU:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:133:LEU:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:133:LEU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:133:LEU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:133:LEU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:133:LEU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:134:ALA:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:134:ALA:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:134:ALA:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:134:ALA:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:134:ALA:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:134:ALA:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:137:TYR:C	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:O3	2:B:137:TYR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:137:TYR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:137:TYR:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:137:TYR:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:137:TYR:CE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:137:TYR:CE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:137:TYR:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:137:TYR:CZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:137:TYR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:137:TYR:HH	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:137:TYR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:137:TYR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:137:TYR:OH	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:138:GLY:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:138:GLY:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:138:GLY:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:138:GLY:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:138:GLY:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:139:ILE:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:139:ILE:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:139:ILE:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:139:ILE:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:139:ILE:CG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:139:ILE:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:139:ILE:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:139:ILE:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:139:ILE:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:140:PRO:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:140:PRO:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:140:PRO:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:140:PRO:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:140:PRO:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:140:PRO:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:140:PRO:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:141:PHE:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:141:PHE:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:141:PHE:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:141:PHE:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:141:PHE:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:141:PHE:CE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:141:PHE:CE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:141:PHE:CG	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:O3	2:B:141:PHE:CZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:141:PHE:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:141:PHE:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:141:PHE:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:142:ILE:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:142:ILE:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:142:ILE:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:142:ILE:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:142:ILE:CG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:142:ILE:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:142:ILE:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:142:ILE:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:142:ILE:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:143:GLU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:143:GLU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:143:GLU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:143:GLU:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:143:GLU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:143:GLU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:143:GLU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:143:GLU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:143:GLU:OE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:143:GLU:OE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:158:THR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:158:THR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:158:THR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:158:THR:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:158:THR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:158:THR:HG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:158:THR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:158:THR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:158:THR:OG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:159:LEU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:159:LEU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:159:LEU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:159:LEU:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:159:LEU:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:159:LEU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:159:LEU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:159:LEU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:159:LEU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:160:VAL:C	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:O3	2:B:160:VAL:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:160:VAL:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:160:VAL:CG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:160:VAL:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:160:VAL:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:160:VAL:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:160:VAL:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:170:MET:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:170:MET:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:170:MET:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:170:MET:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:170:MET:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:170:MET:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:170:MET:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:170:MET:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:170:MET:SD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:171:SER:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:171:SER:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:171:SER:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:171:SER:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:171:SER:HG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:171:SER:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:171:SER:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:171:SER:OG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:172:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:172:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:172:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:172:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:172:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:172:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:172:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:172:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:172:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:172:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:172:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:172:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:172:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:173:ASP:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:173:ASP:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:173:ASP:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:173:ASP:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:173:ASP:H	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:O3	2:B:173:ASP:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:173:ASP:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:173:ASP:OD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:173:ASP:OD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:174:GLY:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:174:GLY:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:174:GLY:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:174:GLY:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:174:GLY:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:175:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:175:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:175:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:175:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:175:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:175:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:175:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:175:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:175:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:175:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:175:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:175:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:175:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:176:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:176:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:176:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:176:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:176:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:176:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:176:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:176:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:176:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:176:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:176:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:176:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:176:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:177:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:177:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:177:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:177:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:177:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:177:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:177:LYS:H	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:O3	2:B:177:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:177:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:177:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:177:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:177:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:177:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:178:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:178:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:178:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:178:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:178:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:178:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:178:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:178:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:178:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:178:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:178:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:178:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:178:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:184:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:184:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:184:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:184:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:184:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:184:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:184:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:184:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:184:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:184:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:184:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:184:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:184:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:185:CYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:185:CYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:185:CYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:185:CYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:185:CYS:HG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:185:CYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:185:CYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O3	2:B:185:CYS:SG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:1:MET:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:1:MET:CA	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:O31	2:B:1:MET:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:1:MET:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:1:MET:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:1:MET:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:1:MET:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:1:MET:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:1:MET:SD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:2:THR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:2:THR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:2:THR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:2:THR:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:2:THR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:2:THR:HG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:2:THR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:2:THR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:2:THR:OG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:3:GLU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:3:GLU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:3:GLU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:3:GLU:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:3:GLU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:3:GLU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:3:GLU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:3:GLU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:3:GLU:OE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:3:GLU:OE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:4:TYR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:4:TYR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:4:TYR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:4:TYR:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:4:TYR:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:4:TYR:CE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:4:TYR:CE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:4:TYR:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:4:TYR:CZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:4:TYR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:4:TYR:HH	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:4:TYR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:4:TYR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:4:TYR:OH	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:47:ASP:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:47:ASP:CA	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:O31	2:B:47:ASP:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:47:ASP:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:47:ASP:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:47:ASP:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:47:ASP:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:47:ASP:OD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:47:ASP:OD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:48:GLY:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:48:GLY:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:48:GLY:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:48:GLY:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:48:GLY:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:49:GLU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:49:GLU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:49:GLU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:49:GLU:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:49:GLU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:49:GLU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:49:GLU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:49:GLU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:49:GLU:OE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:49:GLU:OE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:50:THR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:50:THR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:50:THR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:50:THR:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:50:THR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:50:THR:HG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:50:THR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:50:THR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:50:THR:OG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:51:CYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:51:CYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:51:CYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:51:CYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:51:CYS:HG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:51:CYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:51:CYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:51:CYS:SG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:105:ASP:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:105:ASP:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:105:ASP:CB	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:O31	2:B:105:ASP:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:105:ASP:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:105:ASP:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:105:ASP:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:105:ASP:OD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:105:ASP:OD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:106:SER:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:106:SER:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:106:SER:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:106:SER:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:106:SER:HG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:106:SER:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:106:SER:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:106:SER:OG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:107:GLU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:107:GLU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:107:GLU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:107:GLU:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:107:GLU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:107:GLU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:107:GLU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:107:GLU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:107:GLU:OE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:107:GLU:OE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:132:ASP:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:132:ASP:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:132:ASP:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:132:ASP:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:132:ASP:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:132:ASP:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:132:ASP:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:132:ASP:OD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:132:ASP:OD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:133:LEU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:133:LEU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:133:LEU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:133:LEU:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:133:LEU:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:133:LEU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:133:LEU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:133:LEU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:133:LEU:O	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:O31	2:B:134:ALA:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:134:ALA:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:134:ALA:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:134:ALA:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:134:ALA:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:134:ALA:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:137:TYR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:137:TYR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:137:TYR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:137:TYR:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:137:TYR:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:137:TYR:CE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:137:TYR:CE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:137:TYR:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:137:TYR:CZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:137:TYR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:137:TYR:HH	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:137:TYR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:137:TYR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:137:TYR:OH	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:138:GLY:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:138:GLY:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:138:GLY:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:138:GLY:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:138:GLY:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:139:ILE:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:139:ILE:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:139:ILE:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:139:ILE:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:139:ILE:CG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:139:ILE:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:139:ILE:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:139:ILE:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:139:ILE:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:140:PRO:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:140:PRO:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:140:PRO:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:140:PRO:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:140:PRO:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:140:PRO:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:140:PRO:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:141:PHE:C	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:O31	2:B:141:PHE:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:141:PHE:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:141:PHE:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:141:PHE:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:141:PHE:CE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:141:PHE:CE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:141:PHE:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:141:PHE:CZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:141:PHE:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:141:PHE:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:141:PHE:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:142:ILE:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:142:ILE:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:142:ILE:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:142:ILE:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:142:ILE:CG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:142:ILE:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:142:ILE:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:142:ILE:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:142:ILE:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:143:GLU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:143:GLU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:143:GLU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:143:GLU:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:143:GLU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:143:GLU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:143:GLU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:143:GLU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:143:GLU:OE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:143:GLU:OE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:158:THR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:158:THR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:158:THR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:158:THR:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:158:THR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:158:THR:HG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:158:THR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:158:THR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:158:THR:OG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:159:LEU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:159:LEU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:159:LEU:CB	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:O31	2:B:159:LEU:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:159:LEU:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:159:LEU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:159:LEU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:159:LEU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:159:LEU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:160:VAL:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:160:VAL:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:160:VAL:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:160:VAL:CG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:160:VAL:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:160:VAL:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:160:VAL:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:160:VAL:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:170:MET:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:170:MET:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:170:MET:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:170:MET:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:170:MET:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:170:MET:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:170:MET:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:170:MET:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:170:MET:SD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:171:SER:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:171:SER:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:171:SER:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:171:SER:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:171:SER:HG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:171:SER:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:171:SER:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:171:SER:OG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:172:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:172:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:172:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:172:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:172:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:172:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:172:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:172:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:172:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:172:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:172:LYS:N	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:O31	2:B:172:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:172:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:173:ASP:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:173:ASP:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:173:ASP:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:173:ASP:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:173:ASP:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:173:ASP:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:173:ASP:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:173:ASP:OD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:173:ASP:OD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:174:GLY:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:174:GLY:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:174:GLY:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:174:GLY:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:174:GLY:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:175:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:175:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:175:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:175:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:175:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:175:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:175:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:175:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:175:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:175:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:175:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:175:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:175:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:176:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:176:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:176:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:176:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:176:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:176:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:176:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:176:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:176:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:176:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:176:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:176:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:176:LYS:O	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:O31	2:B:177:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:177:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:177:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:177:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:177:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:177:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:177:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:177:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:177:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:177:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:177:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:177:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:177:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:178:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:178:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:178:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:178:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:178:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:178:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:178:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:178:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:178:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:178:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:178:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:178:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:178:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:184:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:184:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:184:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:184:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:184:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:184:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:184:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:184:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:184:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:184:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:184:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:184:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:184:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:185:CYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:185:CYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:185:CYS:CB	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:O31	2:B:185:CYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:185:CYS:HG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:185:CYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:185:CYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:O31	2:B:185:CYS:SG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:1:MET:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:1:MET:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:1:MET:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:1:MET:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:1:MET:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:1:MET:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:1:MET:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:1:MET:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:1:MET:SD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:2:THR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:2:THR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:2:THR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:2:THR:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:2:THR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:2:THR:HG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:2:THR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:2:THR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:2:THR:OG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:3:GLU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:3:GLU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:3:GLU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:3:GLU:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:3:GLU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:3:GLU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:3:GLU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:3:GLU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:3:GLU:OE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:3:GLU:OE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:4:TYR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:4:TYR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:4:TYR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:4:TYR:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:4:TYR:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:4:TYR:CE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:4:TYR:CE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:4:TYR:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:4:TYR:CZ	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:P	2:B:4:TYR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:4:TYR:HH	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:4:TYR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:4:TYR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:4:TYR:OH	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:47:ASP:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:47:ASP:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:47:ASP:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:47:ASP:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:47:ASP:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:47:ASP:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:47:ASP:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:47:ASP:OD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:47:ASP:OD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:48:GLY:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:48:GLY:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:48:GLY:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:48:GLY:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:48:GLY:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:49:GLU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:49:GLU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:49:GLU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:49:GLU:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:49:GLU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:49:GLU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:49:GLU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:49:GLU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:49:GLU:OE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:49:GLU:OE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:50:THR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:50:THR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:50:THR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:50:THR:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:50:THR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:50:THR:HG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:50:THR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:50:THR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:50:THR:OG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:51:CYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:51:CYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:51:CYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:51:CYS:H	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:P	2:B:51:CYS:HG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:51:CYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:51:CYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:51:CYS:SG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:105:ASP:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:105:ASP:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:105:ASP:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:105:ASP:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:105:ASP:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:105:ASP:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:105:ASP:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:105:ASP:OD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:105:ASP:OD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:106:SER:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:106:SER:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:106:SER:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:106:SER:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:106:SER:HG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:106:SER:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:106:SER:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:106:SER:OG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:107:GLU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:107:GLU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:107:GLU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:107:GLU:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:107:GLU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:107:GLU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:107:GLU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:107:GLU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:107:GLU:OE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:107:GLU:OE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:132:ASP:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:132:ASP:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:132:ASP:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:132:ASP:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:132:ASP:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:132:ASP:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:132:ASP:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:132:ASP:OD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:132:ASP:OD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:133:LEU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:133:LEU:CA	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:P	2:B:133:LEU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:133:LEU:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:133:LEU:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:133:LEU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:133:LEU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:133:LEU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:133:LEU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:134:ALA:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:134:ALA:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:134:ALA:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:134:ALA:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:134:ALA:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:134:ALA:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:137:TYR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:137:TYR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:137:TYR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:137:TYR:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:137:TYR:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:137:TYR:CE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:137:TYR:CE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:137:TYR:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:137:TYR:CZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:137:TYR:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:137:TYR:HH	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:137:TYR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:137:TYR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:137:TYR:OH	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:138:GLY:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:138:GLY:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:138:GLY:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:138:GLY:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:138:GLY:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:139:ILE:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:139:ILE:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:139:ILE:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:139:ILE:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:139:ILE:CG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:139:ILE:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:139:ILE:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:139:ILE:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:139:ILE:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:140:PRO:C	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:P	2:B:140:PRO:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:140:PRO:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:140:PRO:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:140:PRO:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:140:PRO:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:140:PRO:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:141:PHE:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:141:PHE:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:141:PHE:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:141:PHE:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:141:PHE:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:141:PHE:CE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:141:PHE:CE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:141:PHE:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:141:PHE:CZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:141:PHE:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:141:PHE:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:141:PHE:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:142:ILE:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:142:ILE:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:142:ILE:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:142:ILE:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:142:ILE:CG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:142:ILE:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:142:ILE:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:142:ILE:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:142:ILE:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:143:GLU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:143:GLU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:143:GLU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:143:GLU:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:143:GLU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:143:GLU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:143:GLU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:143:GLU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:143:GLU:OE1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:143:GLU:OE2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:158:THR:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:158:THR:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:158:THR:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:158:THR:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:158:THR:H	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:P	2:B:158:THR:HG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:158:THR:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:158:THR:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:158:THR:OG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:159:LEU:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:159:LEU:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:159:LEU:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:159:LEU:CD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:159:LEU:CD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:159:LEU:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:159:LEU:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:159:LEU:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:159:LEU:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:160:VAL:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:160:VAL:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:160:VAL:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:160:VAL:CG1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:160:VAL:CG2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:160:VAL:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:160:VAL:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:160:VAL:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:170:MET:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:170:MET:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:170:MET:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:170:MET:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:170:MET:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:170:MET:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:170:MET:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:170:MET:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:170:MET:SD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:171:SER:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:171:SER:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:171:SER:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:171:SER:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:171:SER:HG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:171:SER:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:171:SER:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:171:SER:OG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:172:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:172:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:172:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:172:LYS:CD	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:P	2:B:172:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:172:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:172:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:172:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:172:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:172:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:172:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:172:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:172:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:173:ASP:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:173:ASP:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:173:ASP:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:173:ASP:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:173:ASP:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:173:ASP:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:173:ASP:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:173:ASP:OD1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:173:ASP:OD2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:174:GLY:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:174:GLY:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:174:GLY:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:174:GLY:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:174:GLY:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:175:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:175:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:175:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:175:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:175:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:175:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:175:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:175:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:175:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:175:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:175:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:175:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:175:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:176:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:176:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:176:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:176:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:176:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:176:LYS:CG	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:P	2:B:176:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:176:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:176:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:176:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:176:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:176:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:176:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:177:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:177:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:177:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:177:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:177:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:177:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:177:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:177:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:177:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:177:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:177:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:177:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:177:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:178:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:178:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:178:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:178:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:178:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:178:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:178:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:178:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:178:LYS:HZ2	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:178:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:178:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:178:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:178:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:184:LYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:184:LYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:184:LYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:184:LYS:CD	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:184:LYS:CE	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:184:LYS:CG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:184:LYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:184:LYS:HZ1	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:184:LYS:HZ2	7	1.97	1.19	1.49

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,10)	3:A:10:PCW:P	2:B:184:LYS:HZ3	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:184:LYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:184:LYS:NZ	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:184:LYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:185:CYS:C	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:185:CYS:CA	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:185:CYS:CB	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:185:CYS:H	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:185:CYS:HG	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:185:CYS:N	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:185:CYS:O	7	1.97	1.19	1.49
(1,10)	3:A:10:PCW:P	2:B:185:CYS:SG	7	1.97	1.19	1.49
(1,5)	3:A:5:PCW:C11	2:B:1:MET:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:1:MET:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:1:MET:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:1:MET:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:1:MET:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:1:MET:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:1:MET:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:1:MET:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:1:MET:SD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:2:THR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:2:THR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:2:THR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:2:THR:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:2:THR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:2:THR:HG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:2:THR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:2:THR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:2:THR:OG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:3:GLU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:3:GLU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:3:GLU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:3:GLU:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:3:GLU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:3:GLU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:3:GLU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:3:GLU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:3:GLU:OE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:3:GLU:OE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:4:TYR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:4:TYR:CA	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:C11	2:B:4:TYR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:4:TYR:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:4:TYR:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:4:TYR:CE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:4:TYR:CE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:4:TYR:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:4:TYR:CZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:4:TYR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:4:TYR:HH	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:4:TYR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:4:TYR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:4:TYR:OH	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:47:ASP:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:47:ASP:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:47:ASP:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:47:ASP:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:47:ASP:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:47:ASP:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:47:ASP:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:47:ASP:OD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:47:ASP:OD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:48:GLY:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:48:GLY:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:48:GLY:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:48:GLY:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:48:GLY:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:49:GLU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:49:GLU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:49:GLU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:49:GLU:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:49:GLU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:49:GLU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:49:GLU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:49:GLU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:49:GLU:OE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:49:GLU:OE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:50:THR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:50:THR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:50:THR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:50:THR:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:50:THR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:50:THR:HG1	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:C11	2:B:50:THR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:50:THR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:50:THR:OG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:51:CYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:51:CYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:51:CYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:51:CYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:51:CYS:HG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:51:CYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:51:CYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:51:CYS:SG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:105:ASP:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:105:ASP:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:105:ASP:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:105:ASP:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:105:ASP:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:105:ASP:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:105:ASP:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:105:ASP:OD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:105:ASP:OD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:106:SER:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:106:SER:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:106:SER:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:106:SER:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:106:SER:HG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:106:SER:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:106:SER:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:106:SER:OG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:107:GLU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:107:GLU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:107:GLU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:107:GLU:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:107:GLU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:107:GLU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:107:GLU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:107:GLU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:107:GLU:OE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:107:GLU:OE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:132:ASP:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:132:ASP:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:132:ASP:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:132:ASP:CG	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:C11	2:B:132:ASP:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:132:ASP:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:132:ASP:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:132:ASP:OD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:132:ASP:OD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:133:LEU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:133:LEU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:133:LEU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:133:LEU:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:133:LEU:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:133:LEU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:133:LEU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:133:LEU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:133:LEU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:134:ALA:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:134:ALA:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:134:ALA:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:134:ALA:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:134:ALA:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:134:ALA:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:137:TYR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:137:TYR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:137:TYR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:137:TYR:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:137:TYR:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:137:TYR:CE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:137:TYR:CE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:137:TYR:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:137:TYR:CZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:137:TYR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:137:TYR:HH	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:137:TYR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:137:TYR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:137:TYR:OH	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:138:GLY:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:138:GLY:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:138:GLY:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:138:GLY:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:138:GLY:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:139:ILE:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:139:ILE:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:139:ILE:CB	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:C11	2:B:139:ILE:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:139:ILE:CG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:139:ILE:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:139:ILE:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:139:ILE:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:139:ILE:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:140:PRO:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:140:PRO:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:140:PRO:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:140:PRO:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:140:PRO:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:140:PRO:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:140:PRO:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:141:PHE:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:141:PHE:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:141:PHE:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:141:PHE:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:141:PHE:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:141:PHE:CE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:141:PHE:CE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:141:PHE:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:141:PHE:CZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:141:PHE:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:141:PHE:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:141:PHE:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:142:ILE:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:142:ILE:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:142:ILE:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:142:ILE:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:142:ILE:CG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:142:ILE:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:142:ILE:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:142:ILE:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:142:ILE:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:143:GLU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:143:GLU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:143:GLU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:143:GLU:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:143:GLU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:143:GLU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:143:GLU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:143:GLU:O	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:C11	2:B:143:GLU:OE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:143:GLU:OE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:158:THR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:158:THR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:158:THR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:158:THR:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:158:THR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:158:THR:HG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:158:THR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:158:THR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:158:THR:OG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:159:LEU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:159:LEU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:159:LEU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:159:LEU:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:159:LEU:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:159:LEU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:159:LEU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:159:LEU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:159:LEU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:160:VAL:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:160:VAL:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:160:VAL:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:160:VAL:CG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:160:VAL:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:160:VAL:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:160:VAL:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:160:VAL:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:170:MET:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:170:MET:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:170:MET:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:170:MET:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:170:MET:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:170:MET:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:170:MET:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:170:MET:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:170:MET:SD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:171:SER:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:171:SER:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:171:SER:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:171:SER:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:171:SER:HG	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:C11	2:B:171:SER:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:171:SER:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:171:SER:OG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:172:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:172:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:172:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:172:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:172:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:172:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:172:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:172:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:172:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:172:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:172:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:172:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:172:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:173:ASP:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:173:ASP:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:173:ASP:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:173:ASP:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:173:ASP:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:173:ASP:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:173:ASP:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:173:ASP:OD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:173:ASP:OD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:174:GLY:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:174:GLY:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:174:GLY:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:174:GLY:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:174:GLY:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:175:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:175:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:175:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:175:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:175:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:175:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:175:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:175:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:175:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:175:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:175:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:175:LYS:NZ	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:C11	2:B:175:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:176:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:176:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:176:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:176:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:176:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:176:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:176:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:176:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:176:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:176:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:176:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:176:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:176:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:177:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:177:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:177:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:177:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:177:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:177:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:177:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:177:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:177:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:177:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:177:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:177:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:177:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:178:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:178:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:178:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:178:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:178:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:178:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:178:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:178:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:178:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:178:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:178:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:178:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:178:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:184:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:184:LYS:CA	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:C11	2:B:184:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:184:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:184:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:184:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:184:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:184:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:184:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:184:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:184:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:184:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:184:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:185:CYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:185:CYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:185:CYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:185:CYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:185:CYS:HG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:185:CYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:185:CYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C11	2:B:185:CYS:SG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:1:MET:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:1:MET:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:1:MET:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:1:MET:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:1:MET:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:1:MET:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:1:MET:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:1:MET:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:1:MET:SD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:2:THR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:2:THR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:2:THR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:2:THR:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:2:THR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:2:THR:HG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:2:THR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:2:THR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:2:THR:OG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:3:GLU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:3:GLU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:3:GLU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:3:GLU:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:3:GLU:CG	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:C12	2:B:3:GLU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:3:GLU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:3:GLU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:3:GLU:OE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:3:GLU:OE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:4:TYR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:4:TYR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:4:TYR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:4:TYR:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:4:TYR:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:4:TYR:CE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:4:TYR:CE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:4:TYR:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:4:TYR:CZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:4:TYR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:4:TYR:HH	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:4:TYR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:4:TYR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:4:TYR:OH	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:47:ASP:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:47:ASP:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:47:ASP:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:47:ASP:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:47:ASP:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:47:ASP:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:47:ASP:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:47:ASP:OD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:47:ASP:OD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:48:GLY:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:48:GLY:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:48:GLY:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:48:GLY:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:48:GLY:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:49:GLU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:49:GLU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:49:GLU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:49:GLU:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:49:GLU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:49:GLU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:49:GLU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:49:GLU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:49:GLU:OE1	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:C12	2:B:49:GLU:OE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:50:THR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:50:THR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:50:THR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:50:THR:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:50:THR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:50:THR:HG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:50:THR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:50:THR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:50:THR:OG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:51:CYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:51:CYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:51:CYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:51:CYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:51:CYS:HG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:51:CYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:51:CYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:51:CYS:SG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:105:ASP:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:105:ASP:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:105:ASP:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:105:ASP:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:105:ASP:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:105:ASP:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:105:ASP:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:105:ASP:OD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:105:ASP:OD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:106:SER:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:106:SER:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:106:SER:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:106:SER:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:106:SER:HG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:106:SER:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:106:SER:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:106:SER:OG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:107:GLU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:107:GLU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:107:GLU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:107:GLU:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:107:GLU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:107:GLU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:107:GLU:N	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:C12	2:B:107:GLU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:107:GLU:OE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:107:GLU:OE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:132:ASP:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:132:ASP:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:132:ASP:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:132:ASP:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:132:ASP:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:132:ASP:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:132:ASP:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:132:ASP:OD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:132:ASP:OD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:133:LEU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:133:LEU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:133:LEU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:133:LEU:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:133:LEU:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:133:LEU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:133:LEU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:133:LEU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:133:LEU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:134:ALA:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:134:ALA:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:134:ALA:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:134:ALA:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:134:ALA:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:134:ALA:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:137:TYR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:137:TYR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:137:TYR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:137:TYR:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:137:TYR:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:137:TYR:CE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:137:TYR:CE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:137:TYR:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:137:TYR:CZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:137:TYR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:137:TYR:HH	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:137:TYR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:137:TYR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:137:TYR:OH	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:138:GLY:C	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:C12	2:B:138:GLY:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:138:GLY:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:138:GLY:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:138:GLY:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:139:ILE:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:139:ILE:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:139:ILE:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:139:ILE:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:139:ILE:CG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:139:ILE:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:139:ILE:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:139:ILE:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:139:ILE:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:140:PRO:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:140:PRO:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:140:PRO:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:140:PRO:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:140:PRO:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:140:PRO:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:140:PRO:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:141:PHE:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:141:PHE:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:141:PHE:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:141:PHE:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:141:PHE:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:141:PHE:CE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:141:PHE:CE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:141:PHE:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:141:PHE:CZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:141:PHE:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:141:PHE:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:141:PHE:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:142:ILE:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:142:ILE:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:142:ILE:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:142:ILE:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:142:ILE:CG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:142:ILE:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:142:ILE:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:142:ILE:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:142:ILE:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:143:GLU:C	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:C12	2:B:143:GLU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:143:GLU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:143:GLU:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:143:GLU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:143:GLU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:143:GLU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:143:GLU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:143:GLU:OE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:143:GLU:OE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:158:THR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:158:THR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:158:THR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:158:THR:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:158:THR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:158:THR:HG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:158:THR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:158:THR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:158:THR:OG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:159:LEU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:159:LEU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:159:LEU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:159:LEU:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:159:LEU:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:159:LEU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:159:LEU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:159:LEU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:159:LEU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:160:VAL:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:160:VAL:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:160:VAL:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:160:VAL:CG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:160:VAL:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:160:VAL:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:160:VAL:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:160:VAL:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:170:MET:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:170:MET:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:170:MET:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:170:MET:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:170:MET:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:170:MET:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:170:MET:N	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:C12	2:B:170:MET:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:170:MET:SD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:171:SER:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:171:SER:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:171:SER:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:171:SER:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:171:SER:HG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:171:SER:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:171:SER:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:171:SER:OG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:172:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:172:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:172:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:172:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:172:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:172:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:172:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:172:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:172:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:172:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:172:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:172:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:172:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:173:ASP:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:173:ASP:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:173:ASP:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:173:ASP:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:173:ASP:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:173:ASP:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:173:ASP:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:173:ASP:OD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:173:ASP:OD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:174:GLY:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:174:GLY:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:174:GLY:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:174:GLY:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:174:GLY:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:175:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:175:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:175:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:175:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:175:LYS:CE	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:C12	2:B:175:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:175:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:175:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:175:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:175:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:175:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:175:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:175:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:176:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:176:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:176:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:176:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:176:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:176:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:176:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:176:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:176:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:176:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:176:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:176:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:176:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:177:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:177:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:177:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:177:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:177:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:177:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:177:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:177:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:177:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:177:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:177:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:177:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:177:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:178:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:178:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:178:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:178:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:178:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:178:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:178:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:178:LYS:HZ1	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:C12	2:B:178:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:178:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:178:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:178:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:178:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:184:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:184:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:184:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:184:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:184:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:184:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:184:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:184:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:184:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:184:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:184:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:184:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:184:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:185:CYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:185:CYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:185:CYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:185:CYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:185:CYS:HG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:185:CYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:185:CYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C12	2:B:185:CYS:SG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:1:MET:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:1:MET:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:1:MET:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:1:MET:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:1:MET:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:1:MET:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:1:MET:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:1:MET:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:1:MET:SD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:2:THR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:2:THR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:2:THR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:2:THR:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:2:THR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:2:THR:HG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:2:THR:N	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:C13	2:B:2:THR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:2:THR:OG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:3:GLU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:3:GLU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:3:GLU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:3:GLU:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:3:GLU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:3:GLU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:3:GLU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:3:GLU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:3:GLU:OE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:3:GLU:OE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:4:TYR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:4:TYR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:4:TYR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:4:TYR:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:4:TYR:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:4:TYR:CE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:4:TYR:CE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:4:TYR:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:4:TYR:CZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:4:TYR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:4:TYR:HH	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:4:TYR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:4:TYR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:4:TYR:OH	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:47:ASP:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:47:ASP:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:47:ASP:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:47:ASP:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:47:ASP:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:47:ASP:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:47:ASP:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:47:ASP:OD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:47:ASP:OD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:48:GLY:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:48:GLY:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:48:GLY:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:48:GLY:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:48:GLY:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:49:GLU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:49:GLU:CA	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:C13	2:B:49:GLU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:49:GLU:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:49:GLU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:49:GLU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:49:GLU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:49:GLU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:49:GLU:OE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:49:GLU:OE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:50:THR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:50:THR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:50:THR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:50:THR:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:50:THR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:50:THR:HG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:50:THR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:50:THR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:50:THR:OG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:51:CYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:51:CYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:51:CYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:51:CYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:51:CYS:HG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:51:CYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:51:CYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:51:CYS:SG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:105:ASP:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:105:ASP:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:105:ASP:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:105:ASP:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:105:ASP:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:105:ASP:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:105:ASP:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:105:ASP:OD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:105:ASP:OD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:106:SER:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:106:SER:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:106:SER:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:106:SER:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:106:SER:HG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:106:SER:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:106:SER:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:106:SER:OG	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:C13	2:B:107:GLU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:107:GLU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:107:GLU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:107:GLU:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:107:GLU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:107:GLU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:107:GLU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:107:GLU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:107:GLU:OE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:107:GLU:OE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:132:ASP:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:132:ASP:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:132:ASP:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:132:ASP:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:132:ASP:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:132:ASP:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:132:ASP:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:132:ASP:OD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:132:ASP:OD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:133:LEU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:133:LEU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:133:LEU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:133:LEU:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:133:LEU:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:133:LEU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:133:LEU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:133:LEU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:133:LEU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:134:ALA:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:134:ALA:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:134:ALA:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:134:ALA:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:134:ALA:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:134:ALA:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:137:TYR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:137:TYR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:137:TYR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:137:TYR:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:137:TYR:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:137:TYR:CE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:137:TYR:CE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:137:TYR:CG	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:C13	2:B:137:TYR:CZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:137:TYR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:137:TYR:HH	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:137:TYR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:137:TYR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:137:TYR:OH	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:138:GLY:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:138:GLY:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:138:GLY:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:138:GLY:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:138:GLY:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:139:ILE:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:139:ILE:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:139:ILE:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:139:ILE:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:139:ILE:CG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:139:ILE:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:139:ILE:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:139:ILE:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:139:ILE:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:140:PRO:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:140:PRO:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:140:PRO:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:140:PRO:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:140:PRO:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:140:PRO:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:140:PRO:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:141:PHE:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:141:PHE:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:141:PHE:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:141:PHE:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:141:PHE:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:141:PHE:CE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:141:PHE:CE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:141:PHE:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:141:PHE:CZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:141:PHE:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:141:PHE:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:141:PHE:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:142:ILE:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:142:ILE:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:142:ILE:CB	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:C13	2:B:142:ILE:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:142:ILE:CG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:142:ILE:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:142:ILE:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:142:ILE:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:142:ILE:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:143:GLU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:143:GLU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:143:GLU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:143:GLU:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:143:GLU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:143:GLU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:143:GLU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:143:GLU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:143:GLU:OE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:143:GLU:OE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:158:THR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:158:THR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:158:THR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:158:THR:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:158:THR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:158:THR:HG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:158:THR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:158:THR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:158:THR:OG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:159:LEU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:159:LEU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:159:LEU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:159:LEU:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:159:LEU:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:159:LEU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:159:LEU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:159:LEU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:159:LEU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:160:VAL:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:160:VAL:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:160:VAL:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:160:VAL:CG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:160:VAL:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:160:VAL:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:160:VAL:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:160:VAL:O	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:C13	2:B:170:MET:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:170:MET:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:170:MET:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:170:MET:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:170:MET:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:170:MET:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:170:MET:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:170:MET:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:170:MET:SD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:171:SER:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:171:SER:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:171:SER:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:171:SER:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:171:SER:HG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:171:SER:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:171:SER:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:171:SER:OG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:172:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:172:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:172:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:172:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:172:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:172:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:172:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:172:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:172:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:172:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:172:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:172:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:172:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:173:ASP:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:173:ASP:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:173:ASP:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:173:ASP:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:173:ASP:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:173:ASP:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:173:ASP:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:173:ASP:OD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:173:ASP:OD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:174:GLY:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:174:GLY:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:174:GLY:H	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:C13	2:B:174:GLY:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:174:GLY:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:175:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:175:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:175:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:175:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:175:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:175:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:175:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:175:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:175:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:175:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:175:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:175:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:175:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:176:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:176:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:176:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:176:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:176:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:176:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:176:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:176:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:176:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:176:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:176:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:176:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:176:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:177:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:177:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:177:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:177:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:177:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:177:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:177:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:177:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:177:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:177:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:177:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:177:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:177:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:178:LYS:C	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:C13	2:B:178:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:178:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:178:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:178:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:178:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:178:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:178:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:178:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:178:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:178:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:178:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:178:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:184:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:184:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:184:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:184:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:184:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:184:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:184:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:184:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:184:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:184:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:184:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:184:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:184:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:185:CYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:185:CYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:185:CYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:185:CYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:185:CYS:HG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:185:CYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:185:CYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C13	2:B:185:CYS:SG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:1:MET:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:1:MET:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:1:MET:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:1:MET:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:1:MET:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:1:MET:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:1:MET:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:1:MET:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:1:MET:SD	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:C14	2:B:2:THR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:2:THR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:2:THR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:2:THR:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:2:THR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:2:THR:HG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:2:THR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:2:THR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:2:THR:OG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:3:GLU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:3:GLU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:3:GLU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:3:GLU:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:3:GLU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:3:GLU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:3:GLU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:3:GLU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:3:GLU:OE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:3:GLU:OE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:4:TYR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:4:TYR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:4:TYR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:4:TYR:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:4:TYR:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:4:TYR:CE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:4:TYR:CE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:4:TYR:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:4:TYR:CZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:4:TYR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:4:TYR:HH	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:4:TYR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:4:TYR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:4:TYR:OH	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:47:ASP:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:47:ASP:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:47:ASP:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:47:ASP:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:47:ASP:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:47:ASP:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:47:ASP:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:47:ASP:OD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:47:ASP:OD2	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:C14	2:B:48:GLY:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:48:GLY:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:48:GLY:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:48:GLY:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:48:GLY:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:49:GLU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:49:GLU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:49:GLU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:49:GLU:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:49:GLU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:49:GLU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:49:GLU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:49:GLU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:49:GLU:OE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:49:GLU:OE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:50:THR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:50:THR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:50:THR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:50:THR:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:50:THR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:50:THR:HG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:50:THR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:50:THR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:50:THR:OG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:51:CYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:51:CYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:51:CYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:51:CYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:51:CYS:HG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:51:CYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:51:CYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:51:CYS:SG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:105:ASP:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:105:ASP:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:105:ASP:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:105:ASP:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:105:ASP:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:105:ASP:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:105:ASP:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:105:ASP:OD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:105:ASP:OD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:106:SER:C	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:C14	2:B:106:SER:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:106:SER:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:106:SER:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:106:SER:HG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:106:SER:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:106:SER:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:106:SER:OG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:107:GLU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:107:GLU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:107:GLU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:107:GLU:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:107:GLU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:107:GLU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:107:GLU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:107:GLU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:107:GLU:OE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:107:GLU:OE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:132:ASP:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:132:ASP:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:132:ASP:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:132:ASP:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:132:ASP:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:132:ASP:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:132:ASP:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:132:ASP:OD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:132:ASP:OD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:133:LEU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:133:LEU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:133:LEU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:133:LEU:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:133:LEU:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:133:LEU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:133:LEU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:133:LEU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:133:LEU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:134:ALA:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:134:ALA:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:134:ALA:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:134:ALA:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:134:ALA:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:134:ALA:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:137:TYR:C	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:C14	2:B:137:TYR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:137:TYR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:137:TYR:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:137:TYR:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:137:TYR:CE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:137:TYR:CE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:137:TYR:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:137:TYR:CZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:137:TYR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:137:TYR:HH	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:137:TYR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:137:TYR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:137:TYR:OH	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:138:GLY:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:138:GLY:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:138:GLY:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:138:GLY:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:138:GLY:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:139:ILE:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:139:ILE:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:139:ILE:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:139:ILE:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:139:ILE:CG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:139:ILE:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:139:ILE:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:139:ILE:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:139:ILE:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:140:PRO:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:140:PRO:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:140:PRO:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:140:PRO:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:140:PRO:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:140:PRO:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:140:PRO:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:141:PHE:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:141:PHE:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:141:PHE:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:141:PHE:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:141:PHE:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:141:PHE:CE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:141:PHE:CE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:141:PHE:CG	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:C14	2:B:141:PHE:CZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:141:PHE:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:141:PHE:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:141:PHE:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:142:ILE:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:142:ILE:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:142:ILE:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:142:ILE:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:142:ILE:CG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:142:ILE:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:142:ILE:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:142:ILE:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:142:ILE:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:143:GLU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:143:GLU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:143:GLU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:143:GLU:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:143:GLU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:143:GLU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:143:GLU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:143:GLU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:143:GLU:OE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:143:GLU:OE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:158:THR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:158:THR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:158:THR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:158:THR:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:158:THR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:158:THR:HG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:158:THR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:158:THR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:158:THR:OG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:159:LEU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:159:LEU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:159:LEU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:159:LEU:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:159:LEU:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:159:LEU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:159:LEU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:159:LEU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:159:LEU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:160:VAL:C	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:C14	2:B:160:VAL:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:160:VAL:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:160:VAL:CG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:160:VAL:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:160:VAL:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:160:VAL:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:160:VAL:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:170:MET:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:170:MET:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:170:MET:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:170:MET:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:170:MET:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:170:MET:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:170:MET:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:170:MET:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:170:MET:SD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:171:SER:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:171:SER:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:171:SER:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:171:SER:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:171:SER:HG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:171:SER:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:171:SER:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:171:SER:OG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:172:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:172:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:172:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:172:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:172:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:172:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:172:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:172:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:172:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:172:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:172:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:172:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:172:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:173:ASP:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:173:ASP:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:173:ASP:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:173:ASP:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:173:ASP:H	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:C14	2:B:173:ASP:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:173:ASP:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:173:ASP:OD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:173:ASP:OD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:174:GLY:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:174:GLY:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:174:GLY:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:174:GLY:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:174:GLY:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:175:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:175:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:175:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:175:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:175:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:175:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:175:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:175:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:175:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:175:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:175:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:175:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:175:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:176:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:176:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:176:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:176:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:176:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:176:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:176:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:176:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:176:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:176:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:176:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:176:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:176:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:177:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:177:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:177:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:177:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:177:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:177:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:177:LYS:H	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:C14	2:B:177:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:177:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:177:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:177:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:177:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:177:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:178:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:178:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:178:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:178:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:178:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:178:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:178:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:178:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:178:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:178:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:178:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:178:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:178:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:184:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:184:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:184:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:184:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:184:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:184:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:184:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:184:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:184:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:184:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:184:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:184:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:184:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:185:CYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:185:CYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:185:CYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:185:CYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:185:CYS:HG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:185:CYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:185:CYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C14	2:B:185:CYS:SG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:1:MET:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:1:MET:CA	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:C15	2:B:1:MET:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:1:MET:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:1:MET:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:1:MET:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:1:MET:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:1:MET:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:1:MET:SD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:2:THR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:2:THR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:2:THR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:2:THR:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:2:THR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:2:THR:HG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:2:THR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:2:THR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:2:THR:OG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:3:GLU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:3:GLU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:3:GLU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:3:GLU:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:3:GLU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:3:GLU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:3:GLU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:3:GLU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:3:GLU:OE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:3:GLU:OE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:4:TYR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:4:TYR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:4:TYR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:4:TYR:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:4:TYR:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:4:TYR:CE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:4:TYR:CE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:4:TYR:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:4:TYR:CZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:4:TYR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:4:TYR:HH	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:4:TYR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:4:TYR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:4:TYR:OH	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:47:ASP:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:47:ASP:CA	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:C15	2:B:47:ASP:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:47:ASP:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:47:ASP:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:47:ASP:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:47:ASP:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:47:ASP:OD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:47:ASP:OD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:48:GLY:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:48:GLY:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:48:GLY:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:48:GLY:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:48:GLY:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:49:GLU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:49:GLU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:49:GLU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:49:GLU:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:49:GLU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:49:GLU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:49:GLU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:49:GLU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:49:GLU:OE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:49:GLU:OE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:50:THR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:50:THR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:50:THR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:50:THR:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:50:THR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:50:THR:HG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:50:THR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:50:THR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:50:THR:OG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:51:CYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:51:CYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:51:CYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:51:CYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:51:CYS:HG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:51:CYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:51:CYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:51:CYS:SG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:105:ASP:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:105:ASP:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:105:ASP:CB	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:C15	2:B:105:ASP:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:105:ASP:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:105:ASP:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:105:ASP:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:105:ASP:OD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:105:ASP:OD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:106:SER:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:106:SER:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:106:SER:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:106:SER:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:106:SER:HG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:106:SER:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:106:SER:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:106:SER:OG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:107:GLU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:107:GLU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:107:GLU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:107:GLU:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:107:GLU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:107:GLU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:107:GLU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:107:GLU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:107:GLU:OE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:107:GLU:OE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:132:ASP:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:132:ASP:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:132:ASP:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:132:ASP:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:132:ASP:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:132:ASP:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:132:ASP:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:132:ASP:OD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:132:ASP:OD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:133:LEU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:133:LEU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:133:LEU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:133:LEU:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:133:LEU:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:133:LEU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:133:LEU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:133:LEU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:133:LEU:O	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:C15	2:B:134:ALA:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:134:ALA:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:134:ALA:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:134:ALA:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:134:ALA:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:134:ALA:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:137:TYR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:137:TYR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:137:TYR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:137:TYR:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:137:TYR:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:137:TYR:CE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:137:TYR:CE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:137:TYR:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:137:TYR:CZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:137:TYR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:137:TYR:HH	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:137:TYR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:137:TYR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:137:TYR:OH	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:138:GLY:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:138:GLY:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:138:GLY:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:138:GLY:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:138:GLY:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:139:ILE:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:139:ILE:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:139:ILE:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:139:ILE:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:139:ILE:CG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:139:ILE:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:139:ILE:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:139:ILE:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:139:ILE:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:140:PRO:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:140:PRO:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:140:PRO:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:140:PRO:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:140:PRO:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:140:PRO:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:140:PRO:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:141:PHE:C	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:C15	2:B:141:PHE:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:141:PHE:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:141:PHE:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:141:PHE:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:141:PHE:CE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:141:PHE:CE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:141:PHE:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:141:PHE:CZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:141:PHE:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:141:PHE:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:141:PHE:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:142:ILE:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:142:ILE:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:142:ILE:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:142:ILE:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:142:ILE:CG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:142:ILE:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:142:ILE:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:142:ILE:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:142:ILE:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:143:GLU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:143:GLU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:143:GLU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:143:GLU:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:143:GLU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:143:GLU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:143:GLU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:143:GLU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:143:GLU:OE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:143:GLU:OE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:158:THR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:158:THR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:158:THR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:158:THR:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:158:THR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:158:THR:HG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:158:THR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:158:THR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:158:THR:OG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:159:LEU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:159:LEU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:159:LEU:CB	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:C15	2:B:159:LEU:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:159:LEU:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:159:LEU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:159:LEU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:159:LEU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:159:LEU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:160:VAL:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:160:VAL:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:160:VAL:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:160:VAL:CG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:160:VAL:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:160:VAL:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:160:VAL:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:160:VAL:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:170:MET:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:170:MET:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:170:MET:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:170:MET:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:170:MET:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:170:MET:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:170:MET:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:170:MET:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:170:MET:SD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:171:SER:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:171:SER:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:171:SER:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:171:SER:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:171:SER:HG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:171:SER:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:171:SER:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:171:SER:OG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:172:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:172:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:172:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:172:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:172:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:172:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:172:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:172:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:172:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:172:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:172:LYS:N	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:C15	2:B:172:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:172:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:173:ASP:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:173:ASP:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:173:ASP:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:173:ASP:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:173:ASP:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:173:ASP:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:173:ASP:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:173:ASP:OD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:173:ASP:OD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:174:GLY:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:174:GLY:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:174:GLY:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:174:GLY:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:174:GLY:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:175:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:175:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:175:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:175:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:175:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:175:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:175:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:175:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:175:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:175:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:175:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:175:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:175:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:176:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:176:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:176:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:176:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:176:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:176:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:176:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:176:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:176:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:176:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:176:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:176:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:176:LYS:O	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:C15	2:B:177:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:177:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:177:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:177:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:177:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:177:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:177:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:177:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:177:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:177:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:177:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:177:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:177:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:178:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:178:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:178:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:178:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:178:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:178:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:178:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:178:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:178:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:178:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:178:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:178:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:178:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:184:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:184:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:184:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:184:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:184:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:184:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:184:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:184:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:184:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:184:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:184:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:184:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:184:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:185:CYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:185:CYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:185:CYS:CB	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:C15	2:B:185:CYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:185:CYS:HG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:185:CYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:185:CYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:C15	2:B:185:CYS:SG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:1:MET:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:1:MET:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:1:MET:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:1:MET:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:1:MET:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:1:MET:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:1:MET:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:1:MET:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:1:MET:SD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:2:THR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:2:THR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:2:THR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:2:THR:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:2:THR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:2:THR:HG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:2:THR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:2:THR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:2:THR:OG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:3:GLU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:3:GLU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:3:GLU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:3:GLU:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:3:GLU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:3:GLU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:3:GLU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:3:GLU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:3:GLU:OE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:3:GLU:OE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:4:TYR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:4:TYR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:4:TYR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:4:TYR:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:4:TYR:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:4:TYR:CE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:4:TYR:CE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:4:TYR:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:4:TYR:CZ	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:N	2:B:4:TYR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:4:TYR:HH	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:4:TYR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:4:TYR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:4:TYR:OH	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:47:ASP:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:47:ASP:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:47:ASP:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:47:ASP:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:47:ASP:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:47:ASP:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:47:ASP:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:47:ASP:OD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:47:ASP:OD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:48:GLY:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:48:GLY:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:48:GLY:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:48:GLY:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:48:GLY:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:49:GLU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:49:GLU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:49:GLU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:49:GLU:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:49:GLU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:49:GLU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:49:GLU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:49:GLU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:49:GLU:OE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:49:GLU:OE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:50:THR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:50:THR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:50:THR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:50:THR:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:50:THR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:50:THR:HG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:50:THR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:50:THR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:50:THR:OG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:51:CYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:51:CYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:51:CYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:51:CYS:H	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:N	2:B:51:CYS:HG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:51:CYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:51:CYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:51:CYS:SG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:105:ASP:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:105:ASP:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:105:ASP:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:105:ASP:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:105:ASP:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:105:ASP:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:105:ASP:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:105:ASP:OD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:105:ASP:OD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:106:SER:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:106:SER:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:106:SER:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:106:SER:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:106:SER:HG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:106:SER:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:106:SER:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:106:SER:OG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:107:GLU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:107:GLU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:107:GLU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:107:GLU:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:107:GLU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:107:GLU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:107:GLU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:107:GLU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:107:GLU:OE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:107:GLU:OE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:132:ASP:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:132:ASP:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:132:ASP:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:132:ASP:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:132:ASP:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:132:ASP:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:132:ASP:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:132:ASP:OD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:132:ASP:OD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:133:LEU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:133:LEU:CA	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:N	2:B:133:LEU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:133:LEU:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:133:LEU:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:133:LEU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:133:LEU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:133:LEU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:133:LEU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:134:ALA:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:134:ALA:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:134:ALA:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:134:ALA:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:134:ALA:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:134:ALA:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:137:TYR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:137:TYR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:137:TYR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:137:TYR:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:137:TYR:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:137:TYR:CE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:137:TYR:CE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:137:TYR:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:137:TYR:CZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:137:TYR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:137:TYR:HH	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:137:TYR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:137:TYR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:137:TYR:OH	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:138:GLY:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:138:GLY:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:138:GLY:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:138:GLY:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:138:GLY:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:139:ILE:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:139:ILE:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:139:ILE:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:139:ILE:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:139:ILE:CG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:139:ILE:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:139:ILE:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:139:ILE:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:139:ILE:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:140:PRO:C	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:N	2:B:140:PRO:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:140:PRO:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:140:PRO:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:140:PRO:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:140:PRO:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:140:PRO:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:141:PHE:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:141:PHE:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:141:PHE:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:141:PHE:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:141:PHE:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:141:PHE:CE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:141:PHE:CE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:141:PHE:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:141:PHE:CZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:141:PHE:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:141:PHE:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:141:PHE:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:142:ILE:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:142:ILE:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:142:ILE:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:142:ILE:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:142:ILE:CG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:142:ILE:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:142:ILE:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:142:ILE:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:142:ILE:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:143:GLU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:143:GLU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:143:GLU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:143:GLU:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:143:GLU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:143:GLU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:143:GLU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:143:GLU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:143:GLU:OE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:143:GLU:OE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:158:THR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:158:THR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:158:THR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:158:THR:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:158:THR:H	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:N	2:B:158:THR:HG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:158:THR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:158:THR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:158:THR:OG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:159:LEU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:159:LEU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:159:LEU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:159:LEU:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:159:LEU:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:159:LEU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:159:LEU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:159:LEU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:159:LEU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:160:VAL:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:160:VAL:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:160:VAL:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:160:VAL:CG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:160:VAL:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:160:VAL:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:160:VAL:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:160:VAL:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:170:MET:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:170:MET:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:170:MET:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:170:MET:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:170:MET:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:170:MET:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:170:MET:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:170:MET:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:170:MET:SD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:171:SER:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:171:SER:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:171:SER:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:171:SER:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:171:SER:HG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:171:SER:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:171:SER:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:171:SER:OG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:172:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:172:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:172:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:172:LYS:CD	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:N	2:B:172:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:172:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:172:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:172:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:172:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:172:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:172:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:172:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:172:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:173:ASP:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:173:ASP:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:173:ASP:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:173:ASP:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:173:ASP:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:173:ASP:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:173:ASP:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:173:ASP:OD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:173:ASP:OD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:174:GLY:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:174:GLY:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:174:GLY:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:174:GLY:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:174:GLY:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:175:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:175:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:175:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:175:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:175:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:175:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:175:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:175:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:175:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:175:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:175:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:175:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:175:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:176:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:176:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:176:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:176:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:176:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:176:LYS:CG	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:N	2:B:176:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:176:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:176:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:176:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:176:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:176:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:176:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:177:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:177:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:177:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:177:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:177:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:177:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:177:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:177:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:177:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:177:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:177:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:177:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:177:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:178:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:178:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:178:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:178:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:178:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:178:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:178:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:178:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:178:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:178:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:178:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:178:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:178:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:184:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:184:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:184:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:184:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:184:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:184:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:184:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:184:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:184:LYS:HZ2	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:N	2:B:184:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:184:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:184:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:184:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:185:CYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:185:CYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:185:CYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:185:CYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:185:CYS:HG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:185:CYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:185:CYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:N	2:B:185:CYS:SG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:1:MET:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:1:MET:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:1:MET:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:1:MET:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:1:MET:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:1:MET:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:1:MET:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:1:MET:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:1:MET:SD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:2:THR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:2:THR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:2:THR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:2:THR:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:2:THR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:2:THR:HG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:2:THR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:2:THR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:2:THR:OG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:3:GLU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:3:GLU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:3:GLU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:3:GLU:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:3:GLU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:3:GLU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:3:GLU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:3:GLU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:3:GLU:OE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:3:GLU:OE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:4:TYR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:4:TYR:CA	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:O11	2:B:4:TYR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:4:TYR:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:4:TYR:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:4:TYR:CE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:4:TYR:CE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:4:TYR:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:4:TYR:CZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:4:TYR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:4:TYR:HH	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:4:TYR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:4:TYR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:4:TYR:OH	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:47:ASP:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:47:ASP:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:47:ASP:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:47:ASP:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:47:ASP:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:47:ASP:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:47:ASP:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:47:ASP:OD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:47:ASP:OD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:48:GLY:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:48:GLY:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:48:GLY:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:48:GLY:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:48:GLY:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:49:GLU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:49:GLU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:49:GLU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:49:GLU:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:49:GLU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:49:GLU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:49:GLU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:49:GLU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:49:GLU:OE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:49:GLU:OE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:50:THR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:50:THR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:50:THR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:50:THR:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:50:THR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:50:THR:HG1	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:O11	2:B:50:THR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:50:THR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:50:THR:OG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:51:CYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:51:CYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:51:CYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:51:CYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:51:CYS:HG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:51:CYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:51:CYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:51:CYS:SG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:105:ASP:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:105:ASP:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:105:ASP:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:105:ASP:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:105:ASP:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:105:ASP:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:105:ASP:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:105:ASP:OD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:105:ASP:OD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:106:SER:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:106:SER:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:106:SER:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:106:SER:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:106:SER:HG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:106:SER:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:106:SER:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:106:SER:OG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:107:GLU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:107:GLU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:107:GLU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:107:GLU:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:107:GLU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:107:GLU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:107:GLU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:107:GLU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:107:GLU:OE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:107:GLU:OE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:132:ASP:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:132:ASP:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:132:ASP:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:132:ASP:CG	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:O11	2:B:132:ASP:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:132:ASP:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:132:ASP:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:132:ASP:OD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:132:ASP:OD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:133:LEU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:133:LEU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:133:LEU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:133:LEU:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:133:LEU:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:133:LEU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:133:LEU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:133:LEU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:133:LEU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:134:ALA:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:134:ALA:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:134:ALA:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:134:ALA:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:134:ALA:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:134:ALA:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:137:TYR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:137:TYR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:137:TYR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:137:TYR:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:137:TYR:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:137:TYR:CE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:137:TYR:CE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:137:TYR:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:137:TYR:CZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:137:TYR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:137:TYR:HH	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:137:TYR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:137:TYR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:137:TYR:OH	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:138:GLY:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:138:GLY:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:138:GLY:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:138:GLY:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:138:GLY:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:139:ILE:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:139:ILE:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:139:ILE:CB	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:O11	2:B:139:ILE:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:139:ILE:CG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:139:ILE:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:139:ILE:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:139:ILE:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:139:ILE:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:140:PRO:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:140:PRO:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:140:PRO:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:140:PRO:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:140:PRO:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:140:PRO:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:140:PRO:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:141:PHE:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:141:PHE:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:141:PHE:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:141:PHE:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:141:PHE:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:141:PHE:CE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:141:PHE:CE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:141:PHE:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:141:PHE:CZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:141:PHE:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:141:PHE:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:141:PHE:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:142:ILE:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:142:ILE:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:142:ILE:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:142:ILE:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:142:ILE:CG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:142:ILE:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:142:ILE:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:142:ILE:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:142:ILE:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:143:GLU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:143:GLU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:143:GLU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:143:GLU:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:143:GLU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:143:GLU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:143:GLU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:143:GLU:O	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:O11	2:B:143:GLU:OE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:143:GLU:OE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:158:THR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:158:THR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:158:THR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:158:THR:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:158:THR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:158:THR:HG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:158:THR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:158:THR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:158:THR:OG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:159:LEU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:159:LEU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:159:LEU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:159:LEU:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:159:LEU:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:159:LEU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:159:LEU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:159:LEU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:159:LEU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:160:VAL:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:160:VAL:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:160:VAL:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:160:VAL:CG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:160:VAL:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:160:VAL:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:160:VAL:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:160:VAL:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:170:MET:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:170:MET:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:170:MET:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:170:MET:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:170:MET:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:170:MET:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:170:MET:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:170:MET:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:170:MET:SD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:171:SER:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:171:SER:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:171:SER:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:171:SER:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:171:SER:HG	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:O11	2:B:171:SER:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:171:SER:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:171:SER:OG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:172:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:172:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:172:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:172:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:172:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:172:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:172:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:172:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:172:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:172:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:172:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:172:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:172:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:173:ASP:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:173:ASP:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:173:ASP:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:173:ASP:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:173:ASP:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:173:ASP:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:173:ASP:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:173:ASP:OD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:173:ASP:OD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:174:GLY:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:174:GLY:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:174:GLY:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:174:GLY:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:174:GLY:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:175:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:175:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:175:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:175:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:175:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:175:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:175:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:175:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:175:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:175:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:175:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:175:LYS:NZ	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:O11	2:B:175:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:176:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:176:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:176:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:176:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:176:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:176:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:176:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:176:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:176:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:176:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:176:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:176:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:176:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:177:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:177:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:177:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:177:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:177:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:177:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:177:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:177:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:177:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:177:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:177:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:177:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:177:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:178:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:178:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:178:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:178:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:178:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:178:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:178:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:178:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:178:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:178:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:178:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:178:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:178:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:184:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:184:LYS:CA	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:O11	2:B:184:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:184:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:184:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:184:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:184:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:184:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:184:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:184:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:184:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:184:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:184:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:185:CYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:185:CYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:185:CYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:185:CYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:185:CYS:HG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:185:CYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:185:CYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O11	2:B:185:CYS:SG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:1:MET:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:1:MET:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:1:MET:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:1:MET:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:1:MET:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:1:MET:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:1:MET:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:1:MET:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:1:MET:SD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:2:THR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:2:THR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:2:THR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:2:THR:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:2:THR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:2:THR:HG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:2:THR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:2:THR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:2:THR:OG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:3:GLU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:3:GLU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:3:GLU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:3:GLU:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:3:GLU:CG	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:O2	2:B:3:GLU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:3:GLU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:3:GLU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:3:GLU:OE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:3:GLU:OE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:4:TYR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:4:TYR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:4:TYR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:4:TYR:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:4:TYR:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:4:TYR:CE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:4:TYR:CE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:4:TYR:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:4:TYR:CZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:4:TYR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:4:TYR:HH	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:4:TYR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:4:TYR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:4:TYR:OH	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:47:ASP:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:47:ASP:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:47:ASP:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:47:ASP:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:47:ASP:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:47:ASP:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:47:ASP:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:47:ASP:OD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:47:ASP:OD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:48:GLY:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:48:GLY:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:48:GLY:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:48:GLY:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:48:GLY:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:49:GLU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:49:GLU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:49:GLU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:49:GLU:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:49:GLU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:49:GLU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:49:GLU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:49:GLU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:49:GLU:OE1	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:O2	2:B:49:GLU:OE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:50:THR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:50:THR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:50:THR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:50:THR:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:50:THR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:50:THR:HG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:50:THR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:50:THR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:50:THR:OG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:51:CYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:51:CYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:51:CYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:51:CYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:51:CYS:HG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:51:CYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:51:CYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:51:CYS:SG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:105:ASP:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:105:ASP:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:105:ASP:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:105:ASP:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:105:ASP:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:105:ASP:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:105:ASP:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:105:ASP:OD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:105:ASP:OD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:106:SER:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:106:SER:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:106:SER:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:106:SER:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:106:SER:HG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:106:SER:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:106:SER:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:106:SER:OG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:107:GLU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:107:GLU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:107:GLU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:107:GLU:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:107:GLU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:107:GLU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:107:GLU:N	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:O2	2:B:107:GLU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:107:GLU:OE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:107:GLU:OE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:132:ASP:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:132:ASP:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:132:ASP:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:132:ASP:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:132:ASP:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:132:ASP:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:132:ASP:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:132:ASP:OD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:132:ASP:OD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:133:LEU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:133:LEU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:133:LEU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:133:LEU:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:133:LEU:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:133:LEU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:133:LEU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:133:LEU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:133:LEU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:134:ALA:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:134:ALA:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:134:ALA:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:134:ALA:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:134:ALA:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:134:ALA:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:137:TYR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:137:TYR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:137:TYR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:137:TYR:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:137:TYR:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:137:TYR:CE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:137:TYR:CE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:137:TYR:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:137:TYR:CZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:137:TYR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:137:TYR:HH	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:137:TYR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:137:TYR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:137:TYR:OH	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:138:GLY:C	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:O2	2:B:138:GLY:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:138:GLY:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:138:GLY:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:138:GLY:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:139:ILE:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:139:ILE:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:139:ILE:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:139:ILE:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:139:ILE:CG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:139:ILE:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:139:ILE:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:139:ILE:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:139:ILE:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:140:PRO:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:140:PRO:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:140:PRO:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:140:PRO:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:140:PRO:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:140:PRO:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:140:PRO:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:141:PHE:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:141:PHE:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:141:PHE:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:141:PHE:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:141:PHE:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:141:PHE:CE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:141:PHE:CE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:141:PHE:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:141:PHE:CZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:141:PHE:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:141:PHE:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:141:PHE:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:142:ILE:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:142:ILE:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:142:ILE:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:142:ILE:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:142:ILE:CG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:142:ILE:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:142:ILE:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:142:ILE:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:142:ILE:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:143:GLU:C	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:O2	2:B:143:GLU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:143:GLU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:143:GLU:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:143:GLU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:143:GLU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:143:GLU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:143:GLU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:143:GLU:OE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:143:GLU:OE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:158:THR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:158:THR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:158:THR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:158:THR:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:158:THR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:158:THR:HG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:158:THR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:158:THR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:158:THR:OG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:159:LEU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:159:LEU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:159:LEU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:159:LEU:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:159:LEU:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:159:LEU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:159:LEU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:159:LEU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:159:LEU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:160:VAL:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:160:VAL:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:160:VAL:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:160:VAL:CG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:160:VAL:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:160:VAL:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:160:VAL:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:160:VAL:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:170:MET:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:170:MET:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:170:MET:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:170:MET:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:170:MET:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:170:MET:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:170:MET:N	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:O2	2:B:170:MET:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:170:MET:SD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:171:SER:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:171:SER:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:171:SER:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:171:SER:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:171:SER:HG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:171:SER:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:171:SER:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:171:SER:OG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:172:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:172:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:172:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:172:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:172:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:172:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:172:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:172:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:172:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:172:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:172:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:172:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:172:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:173:ASP:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:173:ASP:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:173:ASP:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:173:ASP:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:173:ASP:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:173:ASP:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:173:ASP:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:173:ASP:OD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:173:ASP:OD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:174:GLY:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:174:GLY:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:174:GLY:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:174:GLY:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:174:GLY:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:175:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:175:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:175:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:175:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:175:LYS:CE	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:O2	2:B:175:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:175:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:175:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:175:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:175:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:175:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:175:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:175:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:176:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:176:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:176:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:176:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:176:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:176:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:176:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:176:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:176:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:176:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:176:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:176:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:176:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:177:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:177:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:177:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:177:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:177:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:177:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:177:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:177:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:177:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:177:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:177:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:177:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:177:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:178:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:178:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:178:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:178:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:178:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:178:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:178:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:178:LYS:HZ1	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:O2	2:B:178:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:178:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:178:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:178:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:178:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:184:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:184:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:184:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:184:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:184:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:184:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:184:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:184:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:184:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:184:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:184:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:184:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:184:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:185:CYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:185:CYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:185:CYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:185:CYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:185:CYS:HG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:185:CYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:185:CYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O2	2:B:185:CYS:SG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:1:MET:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:1:MET:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:1:MET:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:1:MET:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:1:MET:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:1:MET:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:1:MET:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:1:MET:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:1:MET:SD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:2:THR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:2:THR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:2:THR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:2:THR:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:2:THR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:2:THR:HG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:2:THR:N	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:O3	2:B:2:THR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:2:THR:OG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:3:GLU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:3:GLU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:3:GLU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:3:GLU:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:3:GLU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:3:GLU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:3:GLU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:3:GLU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:3:GLU:OE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:3:GLU:OE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:4:TYR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:4:TYR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:4:TYR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:4:TYR:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:4:TYR:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:4:TYR:CE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:4:TYR:CE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:4:TYR:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:4:TYR:CZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:4:TYR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:4:TYR:HH	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:4:TYR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:4:TYR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:4:TYR:OH	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:47:ASP:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:47:ASP:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:47:ASP:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:47:ASP:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:47:ASP:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:47:ASP:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:47:ASP:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:47:ASP:OD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:47:ASP:OD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:48:GLY:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:48:GLY:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:48:GLY:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:48:GLY:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:48:GLY:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:49:GLU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:49:GLU:CA	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:O3	2:B:49:GLU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:49:GLU:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:49:GLU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:49:GLU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:49:GLU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:49:GLU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:49:GLU:OE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:49:GLU:OE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:50:THR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:50:THR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:50:THR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:50:THR:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:50:THR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:50:THR:HG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:50:THR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:50:THR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:50:THR:OG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:51:CYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:51:CYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:51:CYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:51:CYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:51:CYS:HG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:51:CYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:51:CYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:51:CYS:SG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:105:ASP:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:105:ASP:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:105:ASP:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:105:ASP:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:105:ASP:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:105:ASP:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:105:ASP:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:105:ASP:OD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:105:ASP:OD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:106:SER:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:106:SER:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:106:SER:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:106:SER:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:106:SER:HG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:106:SER:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:106:SER:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:106:SER:OG	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:O3	2:B:107:GLU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:107:GLU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:107:GLU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:107:GLU:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:107:GLU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:107:GLU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:107:GLU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:107:GLU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:107:GLU:OE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:107:GLU:OE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:132:ASP:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:132:ASP:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:132:ASP:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:132:ASP:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:132:ASP:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:132:ASP:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:132:ASP:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:132:ASP:OD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:132:ASP:OD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:133:LEU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:133:LEU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:133:LEU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:133:LEU:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:133:LEU:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:133:LEU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:133:LEU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:133:LEU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:133:LEU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:134:ALA:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:134:ALA:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:134:ALA:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:134:ALA:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:134:ALA:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:134:ALA:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:137:TYR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:137:TYR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:137:TYR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:137:TYR:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:137:TYR:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:137:TYR:CE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:137:TYR:CE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:137:TYR:CG	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:O3	2:B:137:TYR:CZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:137:TYR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:137:TYR:HH	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:137:TYR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:137:TYR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:137:TYR:OH	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:138:GLY:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:138:GLY:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:138:GLY:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:138:GLY:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:138:GLY:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:139:ILE:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:139:ILE:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:139:ILE:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:139:ILE:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:139:ILE:CG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:139:ILE:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:139:ILE:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:139:ILE:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:139:ILE:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:140:PRO:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:140:PRO:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:140:PRO:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:140:PRO:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:140:PRO:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:140:PRO:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:140:PRO:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:141:PHE:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:141:PHE:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:141:PHE:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:141:PHE:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:141:PHE:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:141:PHE:CE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:141:PHE:CE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:141:PHE:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:141:PHE:CZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:141:PHE:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:141:PHE:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:141:PHE:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:142:ILE:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:142:ILE:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:142:ILE:CB	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:O3	2:B:142:ILE:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:142:ILE:CG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:142:ILE:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:142:ILE:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:142:ILE:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:142:ILE:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:143:GLU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:143:GLU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:143:GLU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:143:GLU:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:143:GLU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:143:GLU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:143:GLU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:143:GLU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:143:GLU:OE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:143:GLU:OE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:158:THR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:158:THR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:158:THR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:158:THR:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:158:THR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:158:THR:HG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:158:THR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:158:THR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:158:THR:OG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:159:LEU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:159:LEU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:159:LEU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:159:LEU:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:159:LEU:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:159:LEU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:159:LEU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:159:LEU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:159:LEU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:160:VAL:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:160:VAL:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:160:VAL:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:160:VAL:CG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:160:VAL:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:160:VAL:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:160:VAL:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:160:VAL:O	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:O3	2:B:170:MET:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:170:MET:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:170:MET:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:170:MET:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:170:MET:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:170:MET:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:170:MET:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:170:MET:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:170:MET:SD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:171:SER:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:171:SER:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:171:SER:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:171:SER:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:171:SER:HG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:171:SER:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:171:SER:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:171:SER:OG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:172:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:172:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:172:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:172:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:172:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:172:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:172:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:172:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:172:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:172:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:172:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:172:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:172:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:173:ASP:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:173:ASP:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:173:ASP:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:173:ASP:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:173:ASP:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:173:ASP:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:173:ASP:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:173:ASP:OD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:173:ASP:OD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:174:GLY:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:174:GLY:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:174:GLY:H	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:O3	2:B:174:GLY:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:174:GLY:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:175:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:175:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:175:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:175:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:175:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:175:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:175:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:175:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:175:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:175:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:175:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:175:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:175:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:176:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:176:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:176:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:176:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:176:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:176:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:176:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:176:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:176:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:176:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:176:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:176:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:176:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:177:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:177:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:177:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:177:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:177:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:177:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:177:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:177:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:177:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:177:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:177:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:177:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:177:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:178:LYS:C	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:O3	2:B:178:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:178:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:178:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:178:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:178:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:178:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:178:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:178:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:178:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:178:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:178:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:178:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:184:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:184:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:184:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:184:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:184:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:184:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:184:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:184:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:184:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:184:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:184:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:184:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:184:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:185:CYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:185:CYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:185:CYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:185:CYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:185:CYS:HG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:185:CYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:185:CYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O3	2:B:185:CYS:SG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:1:MET:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:1:MET:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:1:MET:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:1:MET:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:1:MET:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:1:MET:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:1:MET:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:1:MET:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:1:MET:SD	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:O31	2:B:2:THR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:2:THR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:2:THR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:2:THR:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:2:THR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:2:THR:HG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:2:THR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:2:THR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:2:THR:OG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:3:GLU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:3:GLU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:3:GLU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:3:GLU:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:3:GLU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:3:GLU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:3:GLU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:3:GLU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:3:GLU:OE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:3:GLU:OE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:4:TYR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:4:TYR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:4:TYR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:4:TYR:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:4:TYR:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:4:TYR:CE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:4:TYR:CE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:4:TYR:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:4:TYR:CZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:4:TYR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:4:TYR:HH	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:4:TYR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:4:TYR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:4:TYR:OH	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:47:ASP:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:47:ASP:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:47:ASP:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:47:ASP:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:47:ASP:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:47:ASP:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:47:ASP:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:47:ASP:OD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:47:ASP:OD2	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:O31	2:B:48:GLY:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:48:GLY:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:48:GLY:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:48:GLY:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:48:GLY:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:49:GLU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:49:GLU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:49:GLU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:49:GLU:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:49:GLU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:49:GLU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:49:GLU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:49:GLU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:49:GLU:OE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:49:GLU:OE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:50:THR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:50:THR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:50:THR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:50:THR:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:50:THR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:50:THR:HG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:50:THR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:50:THR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:50:THR:OG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:51:CYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:51:CYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:51:CYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:51:CYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:51:CYS:HG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:51:CYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:51:CYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:51:CYS:SG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:105:ASP:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:105:ASP:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:105:ASP:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:105:ASP:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:105:ASP:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:105:ASP:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:105:ASP:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:105:ASP:OD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:105:ASP:OD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:106:SER:C	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:O31	2:B:106:SER:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:106:SER:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:106:SER:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:106:SER:HG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:106:SER:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:106:SER:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:106:SER:OG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:107:GLU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:107:GLU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:107:GLU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:107:GLU:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:107:GLU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:107:GLU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:107:GLU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:107:GLU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:107:GLU:OE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:107:GLU:OE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:132:ASP:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:132:ASP:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:132:ASP:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:132:ASP:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:132:ASP:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:132:ASP:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:132:ASP:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:132:ASP:OD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:132:ASP:OD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:133:LEU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:133:LEU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:133:LEU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:133:LEU:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:133:LEU:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:133:LEU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:133:LEU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:133:LEU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:133:LEU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:134:ALA:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:134:ALA:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:134:ALA:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:134:ALA:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:134:ALA:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:134:ALA:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:137:TYR:C	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:O31	2:B:137:TYR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:137:TYR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:137:TYR:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:137:TYR:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:137:TYR:CE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:137:TYR:CE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:137:TYR:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:137:TYR:CZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:137:TYR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:137:TYR:HH	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:137:TYR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:137:TYR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:137:TYR:OH	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:138:GLY:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:138:GLY:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:138:GLY:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:138:GLY:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:138:GLY:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:139:ILE:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:139:ILE:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:139:ILE:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:139:ILE:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:139:ILE:CG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:139:ILE:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:139:ILE:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:139:ILE:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:139:ILE:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:140:PRO:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:140:PRO:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:140:PRO:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:140:PRO:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:140:PRO:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:140:PRO:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:140:PRO:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:141:PHE:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:141:PHE:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:141:PHE:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:141:PHE:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:141:PHE:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:141:PHE:CE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:141:PHE:CE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:141:PHE:CG	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:O31	2:B:141:PHE:CZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:141:PHE:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:141:PHE:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:141:PHE:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:142:ILE:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:142:ILE:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:142:ILE:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:142:ILE:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:142:ILE:CG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:142:ILE:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:142:ILE:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:142:ILE:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:142:ILE:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:143:GLU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:143:GLU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:143:GLU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:143:GLU:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:143:GLU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:143:GLU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:143:GLU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:143:GLU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:143:GLU:OE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:143:GLU:OE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:158:THR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:158:THR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:158:THR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:158:THR:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:158:THR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:158:THR:HG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:158:THR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:158:THR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:158:THR:OG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:159:LEU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:159:LEU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:159:LEU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:159:LEU:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:159:LEU:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:159:LEU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:159:LEU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:159:LEU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:159:LEU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:160:VAL:C	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:O31	2:B:160:VAL:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:160:VAL:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:160:VAL:CG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:160:VAL:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:160:VAL:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:160:VAL:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:160:VAL:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:170:MET:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:170:MET:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:170:MET:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:170:MET:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:170:MET:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:170:MET:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:170:MET:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:170:MET:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:170:MET:SD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:171:SER:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:171:SER:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:171:SER:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:171:SER:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:171:SER:HG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:171:SER:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:171:SER:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:171:SER:OG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:172:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:172:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:172:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:172:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:172:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:172:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:172:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:172:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:172:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:172:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:172:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:172:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:172:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:173:ASP:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:173:ASP:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:173:ASP:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:173:ASP:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:173:ASP:H	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:O31	2:B:173:ASP:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:173:ASP:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:173:ASP:OD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:173:ASP:OD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:174:GLY:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:174:GLY:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:174:GLY:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:174:GLY:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:174:GLY:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:175:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:175:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:175:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:175:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:175:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:175:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:175:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:175:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:175:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:175:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:175:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:175:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:175:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:176:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:176:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:176:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:176:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:176:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:176:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:176:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:176:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:176:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:176:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:176:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:176:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:176:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:177:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:177:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:177:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:177:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:177:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:177:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:177:LYS:H	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:O31	2:B:177:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:177:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:177:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:177:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:177:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:177:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:178:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:178:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:178:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:178:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:178:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:178:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:178:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:178:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:178:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:178:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:178:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:178:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:178:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:184:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:184:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:184:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:184:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:184:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:184:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:184:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:184:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:184:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:184:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:184:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:184:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:184:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:185:CYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:185:CYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:185:CYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:185:CYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:185:CYS:HG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:185:CYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:185:CYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:O31	2:B:185:CYS:SG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:1:MET:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:1:MET:CA	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:P	2:B:1:MET:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:1:MET:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:1:MET:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:1:MET:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:1:MET:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:1:MET:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:1:MET:SD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:2:THR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:2:THR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:2:THR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:2:THR:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:2:THR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:2:THR:HG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:2:THR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:2:THR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:2:THR:OG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:3:GLU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:3:GLU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:3:GLU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:3:GLU:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:3:GLU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:3:GLU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:3:GLU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:3:GLU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:3:GLU:OE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:3:GLU:OE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:4:TYR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:4:TYR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:4:TYR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:4:TYR:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:4:TYR:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:4:TYR:CE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:4:TYR:CE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:4:TYR:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:4:TYR:CZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:4:TYR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:4:TYR:HH	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:4:TYR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:4:TYR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:4:TYR:OH	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:47:ASP:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:47:ASP:CA	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:P	2:B:47:ASP:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:47:ASP:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:47:ASP:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:47:ASP:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:47:ASP:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:47:ASP:OD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:47:ASP:OD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:48:GLY:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:48:GLY:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:48:GLY:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:48:GLY:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:48:GLY:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:49:GLU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:49:GLU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:49:GLU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:49:GLU:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:49:GLU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:49:GLU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:49:GLU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:49:GLU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:49:GLU:OE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:49:GLU:OE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:50:THR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:50:THR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:50:THR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:50:THR:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:50:THR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:50:THR:HG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:50:THR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:50:THR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:50:THR:OG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:51:CYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:51:CYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:51:CYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:51:CYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:51:CYS:HG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:51:CYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:51:CYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:51:CYS:SG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:105:ASP:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:105:ASP:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:105:ASP:CB	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:P	2:B:105:ASP:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:105:ASP:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:105:ASP:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:105:ASP:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:105:ASP:OD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:105:ASP:OD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:106:SER:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:106:SER:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:106:SER:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:106:SER:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:106:SER:HG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:106:SER:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:106:SER:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:106:SER:OG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:107:GLU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:107:GLU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:107:GLU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:107:GLU:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:107:GLU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:107:GLU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:107:GLU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:107:GLU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:107:GLU:OE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:107:GLU:OE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:132:ASP:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:132:ASP:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:132:ASP:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:132:ASP:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:132:ASP:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:132:ASP:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:132:ASP:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:132:ASP:OD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:132:ASP:OD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:133:LEU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:133:LEU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:133:LEU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:133:LEU:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:133:LEU:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:133:LEU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:133:LEU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:133:LEU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:133:LEU:O	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:P	2:B:134:ALA:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:134:ALA:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:134:ALA:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:134:ALA:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:134:ALA:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:134:ALA:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:137:TYR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:137:TYR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:137:TYR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:137:TYR:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:137:TYR:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:137:TYR:CE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:137:TYR:CE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:137:TYR:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:137:TYR:CZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:137:TYR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:137:TYR:HH	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:137:TYR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:137:TYR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:137:TYR:OH	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:138:GLY:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:138:GLY:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:138:GLY:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:138:GLY:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:138:GLY:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:139:ILE:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:139:ILE:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:139:ILE:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:139:ILE:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:139:ILE:CG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:139:ILE:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:139:ILE:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:139:ILE:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:139:ILE:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:140:PRO:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:140:PRO:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:140:PRO:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:140:PRO:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:140:PRO:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:140:PRO:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:140:PRO:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:141:PHE:C	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:P	2:B:141:PHE:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:141:PHE:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:141:PHE:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:141:PHE:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:141:PHE:CE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:141:PHE:CE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:141:PHE:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:141:PHE:CZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:141:PHE:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:141:PHE:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:141:PHE:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:142:ILE:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:142:ILE:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:142:ILE:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:142:ILE:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:142:ILE:CG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:142:ILE:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:142:ILE:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:142:ILE:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:142:ILE:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:143:GLU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:143:GLU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:143:GLU:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:143:GLU:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:143:GLU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:143:GLU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:143:GLU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:143:GLU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:143:GLU:OE1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:143:GLU:OE2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:158:THR:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:158:THR:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:158:THR:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:158:THR:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:158:THR:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:158:THR:HG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:158:THR:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:158:THR:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:158:THR:OG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:159:LEU:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:159:LEU:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:159:LEU:CB	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:P	2:B:159:LEU:CD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:159:LEU:CD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:159:LEU:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:159:LEU:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:159:LEU:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:159:LEU:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:160:VAL:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:160:VAL:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:160:VAL:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:160:VAL:CG1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:160:VAL:CG2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:160:VAL:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:160:VAL:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:160:VAL:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:170:MET:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:170:MET:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:170:MET:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:170:MET:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:170:MET:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:170:MET:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:170:MET:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:170:MET:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:170:MET:SD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:171:SER:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:171:SER:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:171:SER:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:171:SER:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:171:SER:HG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:171:SER:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:171:SER:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:171:SER:OG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:172:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:172:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:172:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:172:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:172:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:172:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:172:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:172:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:172:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:172:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:172:LYS:N	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:P	2:B:172:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:172:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:173:ASP:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:173:ASP:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:173:ASP:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:173:ASP:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:173:ASP:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:173:ASP:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:173:ASP:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:173:ASP:OD1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:173:ASP:OD2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:174:GLY:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:174:GLY:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:174:GLY:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:174:GLY:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:174:GLY:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:175:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:175:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:175:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:175:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:175:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:175:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:175:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:175:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:175:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:175:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:175:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:175:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:175:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:176:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:176:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:176:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:176:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:176:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:176:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:176:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:176:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:176:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:176:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:176:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:176:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:176:LYS:O	7	1.89	0.87	1.93

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:P	2:B:177:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:177:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:177:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:177:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:177:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:177:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:177:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:177:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:177:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:177:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:177:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:177:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:177:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:178:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:178:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:178:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:178:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:178:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:178:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:178:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:178:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:178:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:178:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:178:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:178:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:178:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:184:LYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:184:LYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:184:LYS:CB	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:184:LYS:CD	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:184:LYS:CE	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:184:LYS:CG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:184:LYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:184:LYS:HZ1	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:184:LYS:HZ2	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:184:LYS:HZ3	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:184:LYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:184:LYS:NZ	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:184:LYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:185:CYS:C	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:185:CYS:CA	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:185:CYS:CB	7	1.89	0.87	1.93

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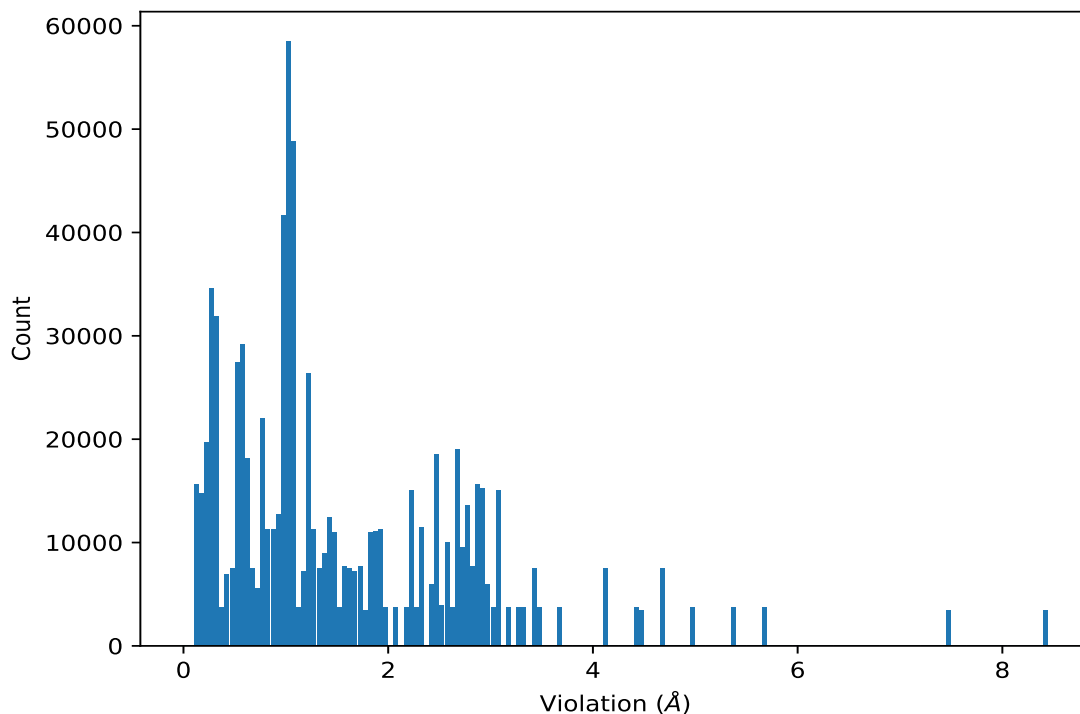
Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,5)	3:A:5:PCW:P	2:B:185:CYS:H	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:185:CYS:HG	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:185:CYS:N	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:185:CYS:O	7	1.89	0.87	1.93
(1,5)	3:A:5:PCW:P	2:B:185:CYS:SG	7	1.89	0.87	1.93
(1,53)	2:B:171:SER:C	3:A:1:PCW:C11	7	1.42	0.79	1.06

¹Number of violated models, ²Standard deviation

9.5 All violated distance restraints [i](#)

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

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



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

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

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:C	3:A:1:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:1:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:C	3:A:1:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:C	3:A:1:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:C	3:A:1:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:C	3:A:1:PCW:N	1	8.42
(1,57)	2:B:185:CYS:C	3:A:1:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:1:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:C	3:A:1:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:C	3:A:1:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:C	3:A:1:PCW:P	1	8.42
(1,57)	2:B:185:CYS:C	3:A:2:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:2:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:C	3:A:2:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:C	3:A:2:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:C	3:A:2:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:C	3:A:2:PCW:N	1	8.42
(1,57)	2:B:185:CYS:C	3:A:2:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:2:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:C	3:A:2:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:C	3:A:2:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:C	3:A:2:PCW:P	1	8.42
(1,57)	2:B:185:CYS:C	3:A:3:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:3:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:C	3:A:3:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:C	3:A:3:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:C	3:A:3:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:C	3:A:3:PCW:N	1	8.42
(1,57)	2:B:185:CYS:C	3:A:3:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:3:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:C	3:A:3:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:C	3:A:3:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:C	3:A:3:PCW:P	1	8.42
(1,57)	2:B:185:CYS:C	3:A:4:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:4:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:C	3:A:4:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:C	3:A:4:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:C	3:A:4:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:C	3:A:4:PCW:N	1	8.42
(1,57)	2:B:185:CYS:C	3:A:4:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:4:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:C	3:A:4:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:C	3:A:4:PCW:O31	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:C	3:A:4:PCW:P	1	8.42
(1,57)	2:B:185:CYS:C	3:A:5:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:5:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:C	3:A:5:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:C	3:A:5:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:C	3:A:5:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:C	3:A:5:PCW:N	1	8.42
(1,57)	2:B:185:CYS:C	3:A:5:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:5:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:C	3:A:5:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:C	3:A:5:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:C	3:A:5:PCW:P	1	8.42
(1,57)	2:B:185:CYS:C	3:A:6:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:6:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:C	3:A:6:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:C	3:A:6:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:C	3:A:6:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:C	3:A:6:PCW:N	1	8.42
(1,57)	2:B:185:CYS:C	3:A:6:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:6:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:C	3:A:6:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:C	3:A:6:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:C	3:A:6:PCW:P	1	8.42
(1,57)	2:B:185:CYS:C	3:A:7:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:7:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:C	3:A:7:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:C	3:A:7:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:C	3:A:7:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:C	3:A:7:PCW:N	1	8.42
(1,57)	2:B:185:CYS:C	3:A:7:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:7:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:C	3:A:7:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:C	3:A:7:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:C	3:A:7:PCW:P	1	8.42
(1,57)	2:B:185:CYS:C	3:A:8:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:8:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:C	3:A:8:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:C	3:A:8:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:C	3:A:8:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:C	3:A:8:PCW:N	1	8.42
(1,57)	2:B:185:CYS:C	3:A:8:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:8:PCW:O2	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:C	3:A:8:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:C	3:A:8:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:C	3:A:8:PCW:P	1	8.42
(1,57)	2:B:185:CYS:C	3:A:9:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:9:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:C	3:A:9:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:C	3:A:9:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:C	3:A:9:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:C	3:A:9:PCW:N	1	8.42
(1,57)	2:B:185:CYS:C	3:A:9:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:9:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:C	3:A:9:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:C	3:A:9:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:C	3:A:9:PCW:P	1	8.42
(1,57)	2:B:185:CYS:C	3:A:10:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:10:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:C	3:A:10:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:C	3:A:10:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:C	3:A:10:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:C	3:A:10:PCW:N	1	8.42
(1,57)	2:B:185:CYS:C	3:A:10:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:10:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:C	3:A:10:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:C	3:A:10:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:C	3:A:10:PCW:P	1	8.42
(1,57)	2:B:185:CYS:C	3:A:11:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:11:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:C	3:A:11:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:C	3:A:11:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:C	3:A:11:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:C	3:A:11:PCW:N	1	8.42
(1,57)	2:B:185:CYS:C	3:A:11:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:11:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:C	3:A:11:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:C	3:A:11:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:C	3:A:11:PCW:P	1	8.42
(1,57)	2:B:185:CYS:C	3:A:12:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:12:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:C	3:A:12:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:C	3:A:12:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:C	3:A:12:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:C	3:A:12:PCW:N	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:C	3:A:12:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:12:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:C	3:A:12:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:C	3:A:12:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:C	3:A:12:PCW:P	1	8.42
(1,57)	2:B:185:CYS:C	3:A:13:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:13:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:C	3:A:13:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:C	3:A:13:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:C	3:A:13:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:C	3:A:13:PCW:N	1	8.42
(1,57)	2:B:185:CYS:C	3:A:13:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:13:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:C	3:A:13:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:C	3:A:13:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:C	3:A:13:PCW:P	1	8.42
(1,57)	2:B:185:CYS:C	3:A:14:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:14:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:C	3:A:14:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:C	3:A:14:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:C	3:A:14:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:C	3:A:14:PCW:N	1	8.42
(1,57)	2:B:185:CYS:C	3:A:14:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:14:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:C	3:A:14:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:C	3:A:14:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:C	3:A:14:PCW:P	1	8.42
(1,57)	2:B:185:CYS:C	3:A:15:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:15:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:C	3:A:15:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:C	3:A:15:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:C	3:A:15:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:C	3:A:15:PCW:N	1	8.42
(1,57)	2:B:185:CYS:C	3:A:15:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:15:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:C	3:A:15:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:C	3:A:15:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:C	3:A:15:PCW:P	1	8.42
(1,57)	2:B:185:CYS:C	3:A:16:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:16:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:C	3:A:16:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:C	3:A:16:PCW:C14	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:C	3:A:16:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:C	3:A:16:PCW:N	1	8.42
(1,57)	2:B:185:CYS:C	3:A:16:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:16:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:C	3:A:16:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:C	3:A:16:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:C	3:A:16:PCW:P	1	8.42
(1,57)	2:B:185:CYS:C	3:A:17:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:17:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:C	3:A:17:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:C	3:A:17:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:C	3:A:17:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:C	3:A:17:PCW:N	1	8.42
(1,57)	2:B:185:CYS:C	3:A:17:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:17:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:C	3:A:17:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:C	3:A:17:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:C	3:A:17:PCW:P	1	8.42
(1,57)	2:B:185:CYS:C	3:A:18:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:18:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:C	3:A:18:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:C	3:A:18:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:C	3:A:18:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:C	3:A:18:PCW:N	1	8.42
(1,57)	2:B:185:CYS:C	3:A:18:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:18:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:C	3:A:18:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:C	3:A:18:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:C	3:A:18:PCW:P	1	8.42
(1,57)	2:B:185:CYS:C	3:A:19:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:19:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:C	3:A:19:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:C	3:A:19:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:C	3:A:19:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:C	3:A:19:PCW:N	1	8.42
(1,57)	2:B:185:CYS:C	3:A:19:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:19:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:C	3:A:19:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:C	3:A:19:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:C	3:A:19:PCW:P	1	8.42
(1,57)	2:B:185:CYS:C	3:A:20:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:20:PCW:C12	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:C	3:A:20:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:C	3:A:20:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:C	3:A:20:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:C	3:A:20:PCW:N	1	8.42
(1,57)	2:B:185:CYS:C	3:A:20:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:20:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:C	3:A:20:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:C	3:A:20:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:C	3:A:20:PCW:P	1	8.42
(1,57)	2:B:185:CYS:C	3:A:21:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:21:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:C	3:A:21:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:C	3:A:21:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:C	3:A:21:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:C	3:A:21:PCW:N	1	8.42
(1,57)	2:B:185:CYS:C	3:A:21:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:21:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:C	3:A:21:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:C	3:A:21:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:C	3:A:21:PCW:P	1	8.42
(1,57)	2:B:185:CYS:C	3:A:22:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:22:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:C	3:A:22:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:C	3:A:22:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:C	3:A:22:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:C	3:A:22:PCW:N	1	8.42
(1,57)	2:B:185:CYS:C	3:A:22:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:22:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:C	3:A:22:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:C	3:A:22:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:C	3:A:22:PCW:P	1	8.42
(1,57)	2:B:185:CYS:C	3:A:23:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:23:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:C	3:A:23:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:C	3:A:23:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:C	3:A:23:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:C	3:A:23:PCW:N	1	8.42
(1,57)	2:B:185:CYS:C	3:A:23:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:23:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:C	3:A:23:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:C	3:A:23:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:C	3:A:23:PCW:P	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:C	3:A:24:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:24:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:C	3:A:24:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:C	3:A:24:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:C	3:A:24:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:C	3:A:24:PCW:N	1	8.42
(1,57)	2:B:185:CYS:C	3:A:24:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:24:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:C	3:A:24:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:C	3:A:24:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:C	3:A:24:PCW:P	1	8.42
(1,57)	2:B:185:CYS:C	3:A:25:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:25:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:C	3:A:25:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:C	3:A:25:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:C	3:A:25:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:C	3:A:25:PCW:N	1	8.42
(1,57)	2:B:185:CYS:C	3:A:25:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:25:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:C	3:A:25:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:C	3:A:25:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:C	3:A:25:PCW:P	1	8.42
(1,57)	2:B:185:CYS:C	3:A:26:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:26:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:C	3:A:26:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:C	3:A:26:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:C	3:A:26:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:C	3:A:26:PCW:N	1	8.42
(1,57)	2:B:185:CYS:C	3:A:26:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:26:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:C	3:A:26:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:C	3:A:26:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:C	3:A:26:PCW:P	1	8.42
(1,57)	2:B:185:CYS:C	3:A:27:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:27:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:C	3:A:27:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:C	3:A:27:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:C	3:A:27:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:C	3:A:27:PCW:N	1	8.42
(1,57)	2:B:185:CYS:C	3:A:27:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:27:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:C	3:A:27:PCW:O3	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:C	3:A:27:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:C	3:A:27:PCW:P	1	8.42
(1,57)	2:B:185:CYS:C	3:A:28:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:28:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:C	3:A:28:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:C	3:A:28:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:C	3:A:28:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:C	3:A:28:PCW:N	1	8.42
(1,57)	2:B:185:CYS:C	3:A:28:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:28:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:C	3:A:28:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:C	3:A:28:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:C	3:A:28:PCW:P	1	8.42
(1,57)	2:B:185:CYS:C	3:A:29:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:29:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:C	3:A:29:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:C	3:A:29:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:C	3:A:29:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:C	3:A:29:PCW:N	1	8.42
(1,57)	2:B:185:CYS:C	3:A:29:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:29:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:C	3:A:29:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:C	3:A:29:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:C	3:A:29:PCW:P	1	8.42
(1,57)	2:B:185:CYS:C	3:A:30:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:30:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:C	3:A:30:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:C	3:A:30:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:C	3:A:30:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:C	3:A:30:PCW:N	1	8.42
(1,57)	2:B:185:CYS:C	3:A:30:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:30:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:C	3:A:30:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:C	3:A:30:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:C	3:A:30:PCW:P	1	8.42
(1,57)	2:B:185:CYS:C	3:A:31:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:31:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:C	3:A:31:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:C	3:A:31:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:C	3:A:31:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:C	3:A:31:PCW:N	1	8.42
(1,57)	2:B:185:CYS:C	3:A:31:PCW:O11	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:C	3:A:31:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:C	3:A:31:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:C	3:A:31:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:C	3:A:31:PCW:P	1	8.42
(1,57)	2:B:185:CYS:C	3:A:32:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:32:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:C	3:A:32:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:C	3:A:32:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:C	3:A:32:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:C	3:A:32:PCW:N	1	8.42
(1,57)	2:B:185:CYS:C	3:A:32:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:C	3:A:32:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:C	3:A:32:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:C	3:A:32:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:C	3:A:32:PCW:P	1	8.42
(1,57)	2:B:185:CYS:C	4:A:33:17F:C7	1	8.42
(1,57)	2:B:185:CYS:C	4:A:33:17F:C8	1	8.42
(1,57)	2:B:185:CYS:C	4:A:33:17F:C9	1	8.42
(1,57)	2:B:185:CYS:C	4:A:33:17F:N1	1	8.42
(1,57)	2:B:185:CYS:C	4:A:33:17F:O10	1	8.42
(1,57)	2:B:185:CYS:C	4:A:33:17F:O4	1	8.42
(1,57)	2:B:185:CYS:C	4:A:33:17F:O5	1	8.42
(1,57)	2:B:185:CYS:C	4:A:33:17F:O7	1	8.42
(1,57)	2:B:185:CYS:C	4:A:33:17F:O9	1	8.42
(1,57)	2:B:185:CYS:C	4:A:33:17F:P1	1	8.42
(1,57)	2:B:185:CYS:C	4:A:34:17F:C7	1	8.42
(1,57)	2:B:185:CYS:C	4:A:34:17F:C8	1	8.42
(1,57)	2:B:185:CYS:C	4:A:34:17F:C9	1	8.42
(1,57)	2:B:185:CYS:C	4:A:34:17F:N1	1	8.42
(1,57)	2:B:185:CYS:C	4:A:34:17F:O10	1	8.42
(1,57)	2:B:185:CYS:C	4:A:34:17F:O4	1	8.42
(1,57)	2:B:185:CYS:C	4:A:34:17F:O5	1	8.42
(1,57)	2:B:185:CYS:C	4:A:34:17F:O7	1	8.42
(1,57)	2:B:185:CYS:C	4:A:34:17F:O9	1	8.42
(1,57)	2:B:185:CYS:C	4:A:34:17F:P1	1	8.42
(1,57)	2:B:185:CYS:C	4:A:35:17F:C7	1	8.42
(1,57)	2:B:185:CYS:C	4:A:35:17F:C8	1	8.42
(1,57)	2:B:185:CYS:C	4:A:35:17F:C9	1	8.42
(1,57)	2:B:185:CYS:C	4:A:35:17F:N1	1	8.42
(1,57)	2:B:185:CYS:C	4:A:35:17F:O10	1	8.42
(1,57)	2:B:185:CYS:C	4:A:35:17F:O4	1	8.42
(1,57)	2:B:185:CYS:C	4:A:35:17F:O5	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:C	4:A:35:17F:O7	1	8.42
(1,57)	2:B:185:CYS:C	4:A:35:17F:O9	1	8.42
(1,57)	2:B:185:CYS:C	4:A:35:17F:P1	1	8.42
(1,57)	2:B:185:CYS:C	4:A:36:17F:C7	1	8.42
(1,57)	2:B:185:CYS:C	4:A:36:17F:C8	1	8.42
(1,57)	2:B:185:CYS:C	4:A:36:17F:C9	1	8.42
(1,57)	2:B:185:CYS:C	4:A:36:17F:N1	1	8.42
(1,57)	2:B:185:CYS:C	4:A:36:17F:O10	1	8.42
(1,57)	2:B:185:CYS:C	4:A:36:17F:O4	1	8.42
(1,57)	2:B:185:CYS:C	4:A:36:17F:O5	1	8.42
(1,57)	2:B:185:CYS:C	4:A:36:17F:O7	1	8.42
(1,57)	2:B:185:CYS:C	4:A:36:17F:O9	1	8.42
(1,57)	2:B:185:CYS:C	4:A:36:17F:P1	1	8.42
(1,57)	2:B:185:CYS:C	4:A:37:17F:C7	1	8.42
(1,57)	2:B:185:CYS:C	4:A:37:17F:C8	1	8.42
(1,57)	2:B:185:CYS:C	4:A:37:17F:C9	1	8.42
(1,57)	2:B:185:CYS:C	4:A:37:17F:N1	1	8.42
(1,57)	2:B:185:CYS:C	4:A:37:17F:O10	1	8.42
(1,57)	2:B:185:CYS:C	4:A:37:17F:O4	1	8.42
(1,57)	2:B:185:CYS:C	4:A:37:17F:O5	1	8.42
(1,57)	2:B:185:CYS:C	4:A:37:17F:O7	1	8.42
(1,57)	2:B:185:CYS:C	4:A:37:17F:O9	1	8.42
(1,57)	2:B:185:CYS:C	4:A:37:17F:P1	1	8.42
(1,57)	2:B:185:CYS:C	4:A:38:17F:C7	1	8.42
(1,57)	2:B:185:CYS:C	4:A:38:17F:C8	1	8.42
(1,57)	2:B:185:CYS:C	4:A:38:17F:C9	1	8.42
(1,57)	2:B:185:CYS:C	4:A:38:17F:N1	1	8.42
(1,57)	2:B:185:CYS:C	4:A:38:17F:O10	1	8.42
(1,57)	2:B:185:CYS:C	4:A:38:17F:O4	1	8.42
(1,57)	2:B:185:CYS:C	4:A:38:17F:O5	1	8.42
(1,57)	2:B:185:CYS:C	4:A:38:17F:O7	1	8.42
(1,57)	2:B:185:CYS:C	4:A:38:17F:O9	1	8.42
(1,57)	2:B:185:CYS:C	4:A:38:17F:P1	1	8.42
(1,57)	2:B:185:CYS:C	4:A:39:17F:C7	1	8.42
(1,57)	2:B:185:CYS:C	4:A:39:17F:C8	1	8.42
(1,57)	2:B:185:CYS:C	4:A:39:17F:C9	1	8.42
(1,57)	2:B:185:CYS:C	4:A:39:17F:N1	1	8.42
(1,57)	2:B:185:CYS:C	4:A:39:17F:O10	1	8.42
(1,57)	2:B:185:CYS:C	4:A:39:17F:O4	1	8.42
(1,57)	2:B:185:CYS:C	4:A:39:17F:O5	1	8.42
(1,57)	2:B:185:CYS:C	4:A:39:17F:O7	1	8.42
(1,57)	2:B:185:CYS:C	4:A:39:17F:O9	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:C	4:A:39:17F:P1	1	8.42
(1,57)	2:B:185:CYS:C	4:A:40:17F:C7	1	8.42
(1,57)	2:B:185:CYS:C	4:A:40:17F:C8	1	8.42
(1,57)	2:B:185:CYS:C	4:A:40:17F:C9	1	8.42
(1,57)	2:B:185:CYS:C	4:A:40:17F:N1	1	8.42
(1,57)	2:B:185:CYS:C	4:A:40:17F:O10	1	8.42
(1,57)	2:B:185:CYS:C	4:A:40:17F:O4	1	8.42
(1,57)	2:B:185:CYS:C	4:A:40:17F:O5	1	8.42
(1,57)	2:B:185:CYS:C	4:A:40:17F:O7	1	8.42
(1,57)	2:B:185:CYS:C	4:A:40:17F:O9	1	8.42
(1,57)	2:B:185:CYS:C	4:A:40:17F:P1	1	8.42
(1,57)	2:B:185:CYS:C	2:B:1:MET:N	1	8.42
(1,57)	2:B:185:CYS:C	2:B:2:THR:N	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:1:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:1:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:1:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:1:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:1:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:1:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:1:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:1:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:1:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:1:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:1:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:2:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:2:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:2:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:2:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:2:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:2:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:2:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:2:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:2:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:2:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:2:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:3:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:3:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:3:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:3:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:3:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:3:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:3:PCW:O11	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CA	3:A:3:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:3:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:3:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:3:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:4:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:4:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:4:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:4:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:4:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:4:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:4:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:4:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:4:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:4:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:4:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:5:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:5:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:5:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:5:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:5:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:5:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:5:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:5:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:5:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:5:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:5:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:6:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:6:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:6:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:6:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:6:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:6:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:6:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:6:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:6:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:6:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:6:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:7:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:7:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:7:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:7:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:7:PCW:C15	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CA	3:A:7:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:7:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:7:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:7:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:7:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:7:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:8:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:8:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:8:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:8:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:8:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:8:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:8:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:8:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:8:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:8:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:8:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:9:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:9:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:9:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:9:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:9:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:9:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:9:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:9:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:9:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:9:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:9:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:10:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:10:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:10:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:10:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:10:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:10:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:10:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:10:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:10:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:10:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:10:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:11:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:11:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:11:PCW:C13	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CA	3:A:11:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:11:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:11:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:11:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:11:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:11:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:11:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:11:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:12:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:12:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:12:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:12:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:12:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:12:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:12:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:12:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:12:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:12:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:12:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:13:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:13:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:13:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:13:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:13:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:13:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:13:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:13:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:13:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:13:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:13:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:14:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:14:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:14:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:14:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:14:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:14:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:14:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:14:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:14:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:14:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:14:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:15:PCW:C11	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CA	3:A:15:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:15:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:15:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:15:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:15:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:15:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:15:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:15:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:15:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:15:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:16:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:16:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:16:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:16:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:16:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:16:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:16:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:16:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:16:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:16:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:16:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:17:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:17:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:17:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:17:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:17:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:17:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:17:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:17:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:17:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:17:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:17:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:18:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:18:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:18:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:18:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:18:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:18:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:18:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:18:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:18:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:18:PCW:O31	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CA	3:A:18:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:19:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:19:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:19:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:19:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:19:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:19:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:19:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:19:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:19:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:19:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:19:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:20:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:20:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:20:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:20:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:20:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:20:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:20:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:20:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:20:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:20:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:20:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:21:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:21:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:21:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:21:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:21:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:21:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:21:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:21:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:21:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:21:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:21:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:22:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:22:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:22:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:22:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:22:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:22:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:22:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:22:PCW:O2	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CA	3:A:22:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:22:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:22:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:23:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:23:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:23:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:23:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:23:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:23:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:23:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:23:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:23:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:23:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:23:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:24:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:24:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:24:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:24:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:24:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:24:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:24:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:24:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:24:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:24:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:24:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:25:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:25:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:25:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:25:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:25:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:25:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:25:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:25:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:25:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:25:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:25:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:26:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:26:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:26:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:26:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:26:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:26:PCW:N	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CA	3:A:26:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:26:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:26:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:26:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:26:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:27:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:27:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:27:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:27:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:27:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:27:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:27:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:27:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:27:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:27:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:27:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:28:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:28:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:28:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:28:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:28:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:28:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:28:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:28:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:28:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:28:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:28:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:29:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:29:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:29:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:29:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:29:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:29:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:29:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:29:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:29:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:29:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:29:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:30:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:30:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:30:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:30:PCW:C14	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CA	3:A:30:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:30:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:30:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:30:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:30:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:30:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:30:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:31:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:31:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:31:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:31:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:31:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:31:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:31:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:31:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:31:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:31:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:31:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:32:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:32:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:32:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:32:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:32:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:32:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:32:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:32:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:32:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:32:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CA	3:A:32:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:33:17F:C7	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:33:17F:C8	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:33:17F:C9	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:33:17F:N1	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:33:17F:O10	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:33:17F:O4	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:33:17F:O5	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:33:17F:O7	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:33:17F:O9	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:33:17F:P1	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:34:17F:C7	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:34:17F:C8	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:34:17F:C9	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CA	4:A:34:17F:N1	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:34:17F:O10	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:34:17F:O4	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:34:17F:O5	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:34:17F:O7	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:34:17F:O9	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:34:17F:P1	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:35:17F:C7	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:35:17F:C8	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:35:17F:C9	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:35:17F:N1	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:35:17F:O10	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:35:17F:O4	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:35:17F:O5	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:35:17F:O7	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:35:17F:O9	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:35:17F:P1	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:36:17F:C7	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:36:17F:C8	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:36:17F:C9	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:36:17F:N1	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:36:17F:O10	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:36:17F:O4	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:36:17F:O5	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:36:17F:O7	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:36:17F:O9	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:36:17F:P1	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:37:17F:C7	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:37:17F:C8	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:37:17F:C9	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:37:17F:N1	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:37:17F:O10	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:37:17F:O4	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:37:17F:O5	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:37:17F:O7	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:37:17F:O9	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:37:17F:P1	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:38:17F:C7	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:38:17F:C8	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:38:17F:C9	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:38:17F:N1	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:38:17F:O10	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CA	4:A:38:17F:O4	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:38:17F:O5	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:38:17F:O7	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:38:17F:O9	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:38:17F:P1	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:39:17F:C7	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:39:17F:C8	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:39:17F:C9	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:39:17F:N1	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:39:17F:O10	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:39:17F:O4	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:39:17F:O5	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:39:17F:O7	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:39:17F:O9	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:39:17F:P1	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:40:17F:C7	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:40:17F:C8	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:40:17F:C9	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:40:17F:N1	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:40:17F:O10	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:40:17F:O4	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:40:17F:O5	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:40:17F:O7	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:40:17F:O9	1	8.42
(1,57)	2:B:185:CYS:CA	4:A:40:17F:P1	1	8.42
(1,57)	2:B:185:CYS:CA	2:B:1:MET:N	1	8.42
(1,57)	2:B:185:CYS:CA	2:B:2:THR:N	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:1:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:1:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:1:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:1:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:1:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:1:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:1:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:1:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:1:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:1:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:1:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:2:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:2:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:2:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:2:PCW:C14	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CB	3:A:2:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:2:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:2:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:2:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:2:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:2:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:2:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:3:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:3:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:3:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:3:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:3:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:3:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:3:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:3:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:3:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:3:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:3:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:4:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:4:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:4:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:4:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:4:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:4:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:4:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:4:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:4:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:4:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:4:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:5:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:5:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:5:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:5:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:5:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:5:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:5:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:5:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:5:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:5:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:5:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:6:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:6:PCW:C12	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CB	3:A:6:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:6:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:6:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:6:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:6:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:6:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:6:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:6:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:6:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:7:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:7:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:7:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:7:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:7:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:7:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:7:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:7:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:7:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:7:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:7:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:8:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:8:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:8:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:8:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:8:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:8:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:8:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:8:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:8:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:8:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:8:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:9:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:9:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:9:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:9:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:9:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:9:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:9:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:9:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:9:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:9:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:9:PCW:P	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CB	3:A:10:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:10:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:10:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:10:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:10:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:10:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:10:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:10:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:10:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:10:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:10:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:11:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:11:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:11:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:11:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:11:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:11:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:11:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:11:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:11:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:11:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:11:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:12:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:12:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:12:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:12:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:12:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:12:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:12:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:12:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:12:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:12:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:12:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:13:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:13:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:13:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:13:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:13:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:13:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:13:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:13:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:13:PCW:O3	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CB	3:A:13:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:13:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:14:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:14:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:14:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:14:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:14:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:14:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:14:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:14:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:14:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:14:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:14:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:15:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:15:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:15:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:15:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:15:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:15:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:15:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:15:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:15:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:15:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:15:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:16:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:16:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:16:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:16:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:16:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:16:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:16:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:16:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:16:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:16:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:16:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:17:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:17:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:17:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:17:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:17:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:17:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:17:PCW:O11	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CB	3:A:17:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:17:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:17:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:17:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:18:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:18:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:18:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:18:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:18:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:18:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:18:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:18:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:18:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:18:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:18:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:19:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:19:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:19:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:19:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:19:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:19:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:19:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:19:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:19:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:19:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:19:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:20:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:20:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:20:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:20:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:20:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:20:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:20:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:20:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:20:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:20:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:20:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:21:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:21:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:21:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:21:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:21:PCW:C15	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CB	3:A:21:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:21:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:21:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:21:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:21:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:21:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:22:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:22:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:22:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:22:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:22:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:22:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:22:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:22:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:22:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:22:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:22:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:23:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:23:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:23:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:23:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:23:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:23:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:23:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:23:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:23:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:23:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:23:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:24:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:24:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:24:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:24:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:24:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:24:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:24:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:24:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:24:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:24:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:24:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:25:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:25:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:25:PCW:C13	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CB	3:A:25:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:25:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:25:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:25:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:25:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:25:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:25:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:25:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:26:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:26:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:26:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:26:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:26:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:26:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:26:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:26:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:26:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:26:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:26:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:27:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:27:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:27:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:27:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:27:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:27:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:27:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:27:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:27:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:27:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:27:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:28:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:28:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:28:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:28:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:28:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:28:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:28:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:28:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:28:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:28:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:28:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:29:PCW:C11	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CB	3:A:29:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:29:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:29:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:29:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:29:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:29:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:29:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:29:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:29:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:29:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:30:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:30:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:30:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:30:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:30:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:30:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:30:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:30:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:30:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:30:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:30:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:31:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:31:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:31:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:31:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:31:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:31:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:31:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:31:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:31:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:31:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:31:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:32:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:32:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:32:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:32:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:32:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:32:PCW:N	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:32:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:32:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:32:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:CB	3:A:32:PCW:O31	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CB	3:A:32:PCW:P	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:33:17F:C7	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:33:17F:C8	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:33:17F:C9	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:33:17F:N1	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:33:17F:O10	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:33:17F:O4	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:33:17F:O5	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:33:17F:O7	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:33:17F:O9	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:33:17F:P1	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:34:17F:C7	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:34:17F:C8	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:34:17F:C9	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:34:17F:N1	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:34:17F:O10	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:34:17F:O4	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:34:17F:O5	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:34:17F:O7	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:34:17F:O9	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:34:17F:P1	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:35:17F:C7	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:35:17F:C8	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:35:17F:C9	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:35:17F:N1	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:35:17F:O10	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:35:17F:O4	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:35:17F:O5	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:35:17F:O7	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:35:17F:O9	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:35:17F:P1	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:36:17F:C7	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:36:17F:C8	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:36:17F:C9	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:36:17F:N1	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:36:17F:O10	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:36:17F:O4	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:36:17F:O5	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:36:17F:O7	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:36:17F:O9	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:36:17F:P1	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:37:17F:C7	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CB	4:A:37:17F:C8	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:37:17F:C9	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:37:17F:N1	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:37:17F:O10	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:37:17F:O4	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:37:17F:O5	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:37:17F:O7	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:37:17F:O9	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:37:17F:P1	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:38:17F:C7	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:38:17F:C8	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:38:17F:C9	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:38:17F:N1	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:38:17F:O10	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:38:17F:O4	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:38:17F:O5	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:38:17F:O7	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:38:17F:O9	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:38:17F:P1	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:39:17F:C7	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:39:17F:C8	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:39:17F:C9	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:39:17F:N1	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:39:17F:O10	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:39:17F:O4	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:39:17F:O5	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:39:17F:O7	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:39:17F:O9	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:39:17F:P1	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:40:17F:C7	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:40:17F:C8	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:40:17F:C9	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:40:17F:N1	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:40:17F:O10	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:40:17F:O4	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:40:17F:O5	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:40:17F:O7	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:40:17F:O9	1	8.42
(1,57)	2:B:185:CYS:CB	4:A:40:17F:P1	1	8.42
(1,57)	2:B:185:CYS:CB	2:B:1:MET:N	1	8.42
(1,57)	2:B:185:CYS:CB	2:B:2:THR:N	1	8.42
(1,57)	2:B:185:CYS:H	3:A:1:PCW:C11	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:H	3:A:1:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:H	3:A:1:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:H	3:A:1:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:H	3:A:1:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:H	3:A:1:PCW:N	1	8.42
(1,57)	2:B:185:CYS:H	3:A:1:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:1:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:H	3:A:1:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:H	3:A:1:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:H	3:A:1:PCW:P	1	8.42
(1,57)	2:B:185:CYS:H	3:A:2:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:2:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:H	3:A:2:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:H	3:A:2:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:H	3:A:2:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:H	3:A:2:PCW:N	1	8.42
(1,57)	2:B:185:CYS:H	3:A:2:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:2:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:H	3:A:2:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:H	3:A:2:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:H	3:A:2:PCW:P	1	8.42
(1,57)	2:B:185:CYS:H	3:A:3:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:3:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:H	3:A:3:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:H	3:A:3:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:H	3:A:3:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:H	3:A:3:PCW:N	1	8.42
(1,57)	2:B:185:CYS:H	3:A:3:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:3:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:H	3:A:3:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:H	3:A:3:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:H	3:A:3:PCW:P	1	8.42
(1,57)	2:B:185:CYS:H	3:A:4:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:4:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:H	3:A:4:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:H	3:A:4:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:H	3:A:4:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:H	3:A:4:PCW:N	1	8.42
(1,57)	2:B:185:CYS:H	3:A:4:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:4:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:H	3:A:4:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:H	3:A:4:PCW:O31	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:H	3:A:4:PCW:P	1	8.42
(1,57)	2:B:185:CYS:H	3:A:5:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:5:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:H	3:A:5:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:H	3:A:5:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:H	3:A:5:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:H	3:A:5:PCW:N	1	8.42
(1,57)	2:B:185:CYS:H	3:A:5:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:5:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:H	3:A:5:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:H	3:A:5:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:H	3:A:5:PCW:P	1	8.42
(1,57)	2:B:185:CYS:H	3:A:6:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:6:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:H	3:A:6:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:H	3:A:6:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:H	3:A:6:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:H	3:A:6:PCW:N	1	8.42
(1,57)	2:B:185:CYS:H	3:A:6:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:6:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:H	3:A:6:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:H	3:A:6:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:H	3:A:6:PCW:P	1	8.42
(1,57)	2:B:185:CYS:H	3:A:7:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:7:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:H	3:A:7:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:H	3:A:7:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:H	3:A:7:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:H	3:A:7:PCW:N	1	8.42
(1,57)	2:B:185:CYS:H	3:A:7:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:7:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:H	3:A:7:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:H	3:A:7:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:H	3:A:7:PCW:P	1	8.42
(1,57)	2:B:185:CYS:H	3:A:8:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:8:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:H	3:A:8:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:H	3:A:8:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:H	3:A:8:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:H	3:A:8:PCW:N	1	8.42
(1,57)	2:B:185:CYS:H	3:A:8:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:8:PCW:O2	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:H	3:A:8:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:H	3:A:8:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:H	3:A:8:PCW:P	1	8.42
(1,57)	2:B:185:CYS:H	3:A:9:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:9:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:H	3:A:9:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:H	3:A:9:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:H	3:A:9:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:H	3:A:9:PCW:N	1	8.42
(1,57)	2:B:185:CYS:H	3:A:9:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:9:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:H	3:A:9:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:H	3:A:9:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:H	3:A:9:PCW:P	1	8.42
(1,57)	2:B:185:CYS:H	3:A:10:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:10:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:H	3:A:10:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:H	3:A:10:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:H	3:A:10:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:H	3:A:10:PCW:N	1	8.42
(1,57)	2:B:185:CYS:H	3:A:10:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:10:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:H	3:A:10:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:H	3:A:10:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:H	3:A:10:PCW:P	1	8.42
(1,57)	2:B:185:CYS:H	3:A:11:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:11:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:H	3:A:11:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:H	3:A:11:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:H	3:A:11:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:H	3:A:11:PCW:N	1	8.42
(1,57)	2:B:185:CYS:H	3:A:11:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:11:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:H	3:A:11:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:H	3:A:11:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:H	3:A:11:PCW:P	1	8.42
(1,57)	2:B:185:CYS:H	3:A:12:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:12:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:H	3:A:12:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:H	3:A:12:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:H	3:A:12:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:H	3:A:12:PCW:N	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:H	3:A:12:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:12:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:H	3:A:12:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:H	3:A:12:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:H	3:A:12:PCW:P	1	8.42
(1,57)	2:B:185:CYS:H	3:A:13:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:13:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:H	3:A:13:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:H	3:A:13:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:H	3:A:13:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:H	3:A:13:PCW:N	1	8.42
(1,57)	2:B:185:CYS:H	3:A:13:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:13:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:H	3:A:13:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:H	3:A:13:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:H	3:A:13:PCW:P	1	8.42
(1,57)	2:B:185:CYS:H	3:A:14:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:14:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:H	3:A:14:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:H	3:A:14:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:H	3:A:14:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:H	3:A:14:PCW:N	1	8.42
(1,57)	2:B:185:CYS:H	3:A:14:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:14:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:H	3:A:14:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:H	3:A:14:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:H	3:A:14:PCW:P	1	8.42
(1,57)	2:B:185:CYS:H	3:A:15:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:15:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:H	3:A:15:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:H	3:A:15:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:H	3:A:15:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:H	3:A:15:PCW:N	1	8.42
(1,57)	2:B:185:CYS:H	3:A:15:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:15:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:H	3:A:15:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:H	3:A:15:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:H	3:A:15:PCW:P	1	8.42
(1,57)	2:B:185:CYS:H	3:A:16:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:16:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:H	3:A:16:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:H	3:A:16:PCW:C14	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:H	3:A:16:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:H	3:A:16:PCW:N	1	8.42
(1,57)	2:B:185:CYS:H	3:A:16:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:16:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:H	3:A:16:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:H	3:A:16:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:H	3:A:16:PCW:P	1	8.42
(1,57)	2:B:185:CYS:H	3:A:17:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:17:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:H	3:A:17:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:H	3:A:17:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:H	3:A:17:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:H	3:A:17:PCW:N	1	8.42
(1,57)	2:B:185:CYS:H	3:A:17:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:17:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:H	3:A:17:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:H	3:A:17:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:H	3:A:17:PCW:P	1	8.42
(1,57)	2:B:185:CYS:H	3:A:18:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:18:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:H	3:A:18:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:H	3:A:18:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:H	3:A:18:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:H	3:A:18:PCW:N	1	8.42
(1,57)	2:B:185:CYS:H	3:A:18:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:18:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:H	3:A:18:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:H	3:A:18:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:H	3:A:18:PCW:P	1	8.42
(1,57)	2:B:185:CYS:H	3:A:19:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:19:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:H	3:A:19:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:H	3:A:19:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:H	3:A:19:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:H	3:A:19:PCW:N	1	8.42
(1,57)	2:B:185:CYS:H	3:A:19:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:19:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:H	3:A:19:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:H	3:A:19:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:H	3:A:19:PCW:P	1	8.42
(1,57)	2:B:185:CYS:H	3:A:20:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:20:PCW:C12	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:H	3:A:20:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:H	3:A:20:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:H	3:A:20:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:H	3:A:20:PCW:N	1	8.42
(1,57)	2:B:185:CYS:H	3:A:20:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:20:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:H	3:A:20:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:H	3:A:20:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:H	3:A:20:PCW:P	1	8.42
(1,57)	2:B:185:CYS:H	3:A:21:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:21:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:H	3:A:21:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:H	3:A:21:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:H	3:A:21:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:H	3:A:21:PCW:N	1	8.42
(1,57)	2:B:185:CYS:H	3:A:21:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:21:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:H	3:A:21:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:H	3:A:21:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:H	3:A:21:PCW:P	1	8.42
(1,57)	2:B:185:CYS:H	3:A:22:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:22:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:H	3:A:22:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:H	3:A:22:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:H	3:A:22:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:H	3:A:22:PCW:N	1	8.42
(1,57)	2:B:185:CYS:H	3:A:22:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:22:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:H	3:A:22:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:H	3:A:22:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:H	3:A:22:PCW:P	1	8.42
(1,57)	2:B:185:CYS:H	3:A:23:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:23:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:H	3:A:23:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:H	3:A:23:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:H	3:A:23:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:H	3:A:23:PCW:N	1	8.42
(1,57)	2:B:185:CYS:H	3:A:23:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:23:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:H	3:A:23:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:H	3:A:23:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:H	3:A:23:PCW:P	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:H	3:A:24:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:24:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:H	3:A:24:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:H	3:A:24:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:H	3:A:24:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:H	3:A:24:PCW:N	1	8.42
(1,57)	2:B:185:CYS:H	3:A:24:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:24:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:H	3:A:24:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:H	3:A:24:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:H	3:A:24:PCW:P	1	8.42
(1,57)	2:B:185:CYS:H	3:A:25:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:25:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:H	3:A:25:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:H	3:A:25:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:H	3:A:25:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:H	3:A:25:PCW:N	1	8.42
(1,57)	2:B:185:CYS:H	3:A:25:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:25:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:H	3:A:25:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:H	3:A:25:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:H	3:A:25:PCW:P	1	8.42
(1,57)	2:B:185:CYS:H	3:A:26:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:26:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:H	3:A:26:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:H	3:A:26:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:H	3:A:26:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:H	3:A:26:PCW:N	1	8.42
(1,57)	2:B:185:CYS:H	3:A:26:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:26:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:H	3:A:26:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:H	3:A:26:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:H	3:A:26:PCW:P	1	8.42
(1,57)	2:B:185:CYS:H	3:A:27:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:27:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:H	3:A:27:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:H	3:A:27:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:H	3:A:27:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:H	3:A:27:PCW:N	1	8.42
(1,57)	2:B:185:CYS:H	3:A:27:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:27:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:H	3:A:27:PCW:O3	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:H	3:A:27:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:H	3:A:27:PCW:P	1	8.42
(1,57)	2:B:185:CYS:H	3:A:28:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:28:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:H	3:A:28:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:H	3:A:28:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:H	3:A:28:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:H	3:A:28:PCW:N	1	8.42
(1,57)	2:B:185:CYS:H	3:A:28:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:28:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:H	3:A:28:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:H	3:A:28:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:H	3:A:28:PCW:P	1	8.42
(1,57)	2:B:185:CYS:H	3:A:29:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:29:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:H	3:A:29:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:H	3:A:29:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:H	3:A:29:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:H	3:A:29:PCW:N	1	8.42
(1,57)	2:B:185:CYS:H	3:A:29:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:29:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:H	3:A:29:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:H	3:A:29:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:H	3:A:29:PCW:P	1	8.42
(1,57)	2:B:185:CYS:H	3:A:30:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:30:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:H	3:A:30:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:H	3:A:30:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:H	3:A:30:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:H	3:A:30:PCW:N	1	8.42
(1,57)	2:B:185:CYS:H	3:A:30:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:30:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:H	3:A:30:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:H	3:A:30:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:H	3:A:30:PCW:P	1	8.42
(1,57)	2:B:185:CYS:H	3:A:31:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:31:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:H	3:A:31:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:H	3:A:31:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:H	3:A:31:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:H	3:A:31:PCW:N	1	8.42
(1,57)	2:B:185:CYS:H	3:A:31:PCW:O11	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:H	3:A:31:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:H	3:A:31:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:H	3:A:31:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:H	3:A:31:PCW:P	1	8.42
(1,57)	2:B:185:CYS:H	3:A:32:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:32:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:H	3:A:32:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:H	3:A:32:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:H	3:A:32:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:H	3:A:32:PCW:N	1	8.42
(1,57)	2:B:185:CYS:H	3:A:32:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:H	3:A:32:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:H	3:A:32:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:H	3:A:32:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:H	3:A:32:PCW:P	1	8.42
(1,57)	2:B:185:CYS:H	4:A:33:17F:C7	1	8.42
(1,57)	2:B:185:CYS:H	4:A:33:17F:C8	1	8.42
(1,57)	2:B:185:CYS:H	4:A:33:17F:C9	1	8.42
(1,57)	2:B:185:CYS:H	4:A:33:17F:N1	1	8.42
(1,57)	2:B:185:CYS:H	4:A:33:17F:O10	1	8.42
(1,57)	2:B:185:CYS:H	4:A:33:17F:O4	1	8.42
(1,57)	2:B:185:CYS:H	4:A:33:17F:O5	1	8.42
(1,57)	2:B:185:CYS:H	4:A:33:17F:O7	1	8.42
(1,57)	2:B:185:CYS:H	4:A:33:17F:O9	1	8.42
(1,57)	2:B:185:CYS:H	4:A:33:17F:P1	1	8.42
(1,57)	2:B:185:CYS:H	4:A:34:17F:C7	1	8.42
(1,57)	2:B:185:CYS:H	4:A:34:17F:C8	1	8.42
(1,57)	2:B:185:CYS:H	4:A:34:17F:C9	1	8.42
(1,57)	2:B:185:CYS:H	4:A:34:17F:N1	1	8.42
(1,57)	2:B:185:CYS:H	4:A:34:17F:O10	1	8.42
(1,57)	2:B:185:CYS:H	4:A:34:17F:O4	1	8.42
(1,57)	2:B:185:CYS:H	4:A:34:17F:O5	1	8.42
(1,57)	2:B:185:CYS:H	4:A:34:17F:O7	1	8.42
(1,57)	2:B:185:CYS:H	4:A:34:17F:O9	1	8.42
(1,57)	2:B:185:CYS:H	4:A:34:17F:P1	1	8.42
(1,57)	2:B:185:CYS:H	4:A:35:17F:C7	1	8.42
(1,57)	2:B:185:CYS:H	4:A:35:17F:C8	1	8.42
(1,57)	2:B:185:CYS:H	4:A:35:17F:C9	1	8.42
(1,57)	2:B:185:CYS:H	4:A:35:17F:N1	1	8.42
(1,57)	2:B:185:CYS:H	4:A:35:17F:O10	1	8.42
(1,57)	2:B:185:CYS:H	4:A:35:17F:O4	1	8.42
(1,57)	2:B:185:CYS:H	4:A:35:17F:O5	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:H	4:A:35:17F:O7	1	8.42
(1,57)	2:B:185:CYS:H	4:A:35:17F:O9	1	8.42
(1,57)	2:B:185:CYS:H	4:A:35:17F:P1	1	8.42
(1,57)	2:B:185:CYS:H	4:A:36:17F:C7	1	8.42
(1,57)	2:B:185:CYS:H	4:A:36:17F:C8	1	8.42
(1,57)	2:B:185:CYS:H	4:A:36:17F:C9	1	8.42
(1,57)	2:B:185:CYS:H	4:A:36:17F:N1	1	8.42
(1,57)	2:B:185:CYS:H	4:A:36:17F:O10	1	8.42
(1,57)	2:B:185:CYS:H	4:A:36:17F:O4	1	8.42
(1,57)	2:B:185:CYS:H	4:A:36:17F:O5	1	8.42
(1,57)	2:B:185:CYS:H	4:A:36:17F:O7	1	8.42
(1,57)	2:B:185:CYS:H	4:A:36:17F:O9	1	8.42
(1,57)	2:B:185:CYS:H	4:A:36:17F:P1	1	8.42
(1,57)	2:B:185:CYS:H	4:A:37:17F:C7	1	8.42
(1,57)	2:B:185:CYS:H	4:A:37:17F:C8	1	8.42
(1,57)	2:B:185:CYS:H	4:A:37:17F:C9	1	8.42
(1,57)	2:B:185:CYS:H	4:A:37:17F:N1	1	8.42
(1,57)	2:B:185:CYS:H	4:A:37:17F:O10	1	8.42
(1,57)	2:B:185:CYS:H	4:A:37:17F:O4	1	8.42
(1,57)	2:B:185:CYS:H	4:A:37:17F:O5	1	8.42
(1,57)	2:B:185:CYS:H	4:A:37:17F:O7	1	8.42
(1,57)	2:B:185:CYS:H	4:A:37:17F:O9	1	8.42
(1,57)	2:B:185:CYS:H	4:A:37:17F:P1	1	8.42
(1,57)	2:B:185:CYS:H	4:A:38:17F:C7	1	8.42
(1,57)	2:B:185:CYS:H	4:A:38:17F:C8	1	8.42
(1,57)	2:B:185:CYS:H	4:A:38:17F:C9	1	8.42
(1,57)	2:B:185:CYS:H	4:A:38:17F:N1	1	8.42
(1,57)	2:B:185:CYS:H	4:A:38:17F:O10	1	8.42
(1,57)	2:B:185:CYS:H	4:A:38:17F:O4	1	8.42
(1,57)	2:B:185:CYS:H	4:A:38:17F:O5	1	8.42
(1,57)	2:B:185:CYS:H	4:A:38:17F:O7	1	8.42
(1,57)	2:B:185:CYS:H	4:A:38:17F:O9	1	8.42
(1,57)	2:B:185:CYS:H	4:A:38:17F:P1	1	8.42
(1,57)	2:B:185:CYS:H	4:A:39:17F:C7	1	8.42
(1,57)	2:B:185:CYS:H	4:A:39:17F:C8	1	8.42
(1,57)	2:B:185:CYS:H	4:A:39:17F:C9	1	8.42
(1,57)	2:B:185:CYS:H	4:A:39:17F:N1	1	8.42
(1,57)	2:B:185:CYS:H	4:A:39:17F:O10	1	8.42
(1,57)	2:B:185:CYS:H	4:A:39:17F:O4	1	8.42
(1,57)	2:B:185:CYS:H	4:A:39:17F:O5	1	8.42
(1,57)	2:B:185:CYS:H	4:A:39:17F:O7	1	8.42
(1,57)	2:B:185:CYS:H	4:A:39:17F:O9	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:H	4:A:39:17F:P1	1	8.42
(1,57)	2:B:185:CYS:H	4:A:40:17F:C7	1	8.42
(1,57)	2:B:185:CYS:H	4:A:40:17F:C8	1	8.42
(1,57)	2:B:185:CYS:H	4:A:40:17F:C9	1	8.42
(1,57)	2:B:185:CYS:H	4:A:40:17F:N1	1	8.42
(1,57)	2:B:185:CYS:H	4:A:40:17F:O10	1	8.42
(1,57)	2:B:185:CYS:H	4:A:40:17F:O4	1	8.42
(1,57)	2:B:185:CYS:H	4:A:40:17F:O5	1	8.42
(1,57)	2:B:185:CYS:H	4:A:40:17F:O7	1	8.42
(1,57)	2:B:185:CYS:H	4:A:40:17F:O9	1	8.42
(1,57)	2:B:185:CYS:H	4:A:40:17F:P1	1	8.42
(1,57)	2:B:185:CYS:H	2:B:1:MET:N	1	8.42
(1,57)	2:B:185:CYS:H	2:B:2:THR:N	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:1:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:1:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:1:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:1:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:1:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:1:PCW:N	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:1:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:1:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:1:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:1:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:1:PCW:P	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:2:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:2:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:2:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:2:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:2:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:2:PCW:N	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:2:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:2:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:2:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:2:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:2:PCW:P	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:3:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:3:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:3:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:3:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:3:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:3:PCW:N	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:3:PCW:O11	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:HG	3:A:3:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:3:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:3:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:3:PCW:P	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:4:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:4:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:4:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:4:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:4:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:4:PCW:N	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:4:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:4:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:4:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:4:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:4:PCW:P	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:5:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:5:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:5:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:5:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:5:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:5:PCW:N	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:5:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:5:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:5:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:5:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:5:PCW:P	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:6:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:6:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:6:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:6:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:6:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:6:PCW:N	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:6:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:6:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:6:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:6:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:6:PCW:P	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:7:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:7:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:7:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:7:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:7:PCW:C15	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:HG	3:A:7:PCW:N	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:7:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:7:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:7:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:7:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:7:PCW:P	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:8:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:8:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:8:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:8:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:8:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:8:PCW:N	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:8:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:8:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:8:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:8:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:8:PCW:P	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:9:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:9:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:9:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:9:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:9:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:9:PCW:N	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:9:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:9:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:9:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:9:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:9:PCW:P	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:10:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:10:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:10:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:10:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:10:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:10:PCW:N	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:10:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:10:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:10:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:10:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:10:PCW:P	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:11:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:11:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:11:PCW:C13	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:HG	3:A:11:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:11:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:11:PCW:N	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:11:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:11:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:11:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:11:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:11:PCW:P	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:12:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:12:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:12:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:12:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:12:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:12:PCW:N	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:12:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:12:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:12:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:12:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:12:PCW:P	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:13:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:13:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:13:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:13:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:13:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:13:PCW:N	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:13:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:13:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:13:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:13:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:13:PCW:P	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:14:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:14:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:14:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:14:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:14:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:14:PCW:N	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:14:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:14:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:14:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:14:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:14:PCW:P	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:15:PCW:C11	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:HG	3:A:15:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:15:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:15:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:15:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:15:PCW:N	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:15:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:15:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:15:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:15:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:15:PCW:P	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:16:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:16:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:16:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:16:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:16:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:16:PCW:N	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:16:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:16:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:16:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:16:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:16:PCW:P	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:17:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:17:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:17:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:17:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:17:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:17:PCW:N	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:17:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:17:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:17:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:17:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:17:PCW:P	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:18:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:18:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:18:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:18:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:18:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:18:PCW:N	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:18:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:18:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:18:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:18:PCW:O31	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:HG	3:A:18:PCW:P	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:19:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:19:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:19:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:19:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:19:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:19:PCW:N	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:19:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:19:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:19:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:19:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:19:PCW:P	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:20:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:20:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:20:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:20:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:20:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:20:PCW:N	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:20:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:20:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:20:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:20:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:20:PCW:P	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:21:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:21:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:21:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:21:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:21:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:21:PCW:N	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:21:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:21:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:21:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:21:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:21:PCW:P	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:22:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:22:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:22:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:22:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:22:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:22:PCW:N	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:22:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:22:PCW:O2	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:HG	3:A:22:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:22:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:22:PCW:P	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:23:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:23:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:23:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:23:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:23:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:23:PCW:N	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:23:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:23:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:23:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:23:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:23:PCW:P	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:24:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:24:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:24:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:24:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:24:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:24:PCW:N	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:24:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:24:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:24:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:24:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:24:PCW:P	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:25:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:25:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:25:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:25:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:25:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:25:PCW:N	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:25:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:25:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:25:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:25:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:25:PCW:P	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:26:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:26:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:26:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:26:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:26:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:26:PCW:N	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:HG	3:A:26:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:26:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:26:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:26:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:26:PCW:P	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:27:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:27:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:27:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:27:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:27:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:27:PCW:N	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:27:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:27:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:27:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:27:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:27:PCW:P	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:28:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:28:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:28:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:28:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:28:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:28:PCW:N	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:28:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:28:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:28:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:28:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:28:PCW:P	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:29:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:29:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:29:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:29:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:29:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:29:PCW:N	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:29:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:29:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:29:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:29:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:29:PCW:P	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:30:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:30:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:30:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:30:PCW:C14	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:HG	3:A:30:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:30:PCW:N	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:30:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:30:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:30:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:30:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:30:PCW:P	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:31:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:31:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:31:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:31:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:31:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:31:PCW:N	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:31:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:31:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:31:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:31:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:31:PCW:P	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:32:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:32:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:32:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:32:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:32:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:32:PCW:N	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:32:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:32:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:32:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:32:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:HG	3:A:32:PCW:P	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:33:17F:C7	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:33:17F:C8	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:33:17F:C9	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:33:17F:N1	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:33:17F:O10	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:33:17F:O4	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:33:17F:O5	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:33:17F:O7	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:33:17F:O9	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:33:17F:P1	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:34:17F:C7	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:34:17F:C8	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:34:17F:C9	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:HG	4:A:34:17F:N1	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:34:17F:O10	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:34:17F:O4	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:34:17F:O5	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:34:17F:O7	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:34:17F:O9	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:34:17F:P1	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:35:17F:C7	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:35:17F:C8	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:35:17F:C9	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:35:17F:N1	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:35:17F:O10	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:35:17F:O4	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:35:17F:O5	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:35:17F:O7	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:35:17F:O9	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:35:17F:P1	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:36:17F:C7	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:36:17F:C8	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:36:17F:C9	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:36:17F:N1	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:36:17F:O10	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:36:17F:O4	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:36:17F:O5	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:36:17F:O7	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:36:17F:O9	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:36:17F:P1	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:37:17F:C7	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:37:17F:C8	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:37:17F:C9	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:37:17F:N1	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:37:17F:O10	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:37:17F:O4	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:37:17F:O5	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:37:17F:O7	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:37:17F:O9	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:37:17F:P1	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:38:17F:C7	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:38:17F:C8	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:38:17F:C9	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:38:17F:N1	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:38:17F:O10	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:HG	4:A:38:17F:O4	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:38:17F:O5	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:38:17F:O7	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:38:17F:O9	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:38:17F:P1	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:39:17F:C7	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:39:17F:C8	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:39:17F:C9	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:39:17F:N1	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:39:17F:O10	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:39:17F:O4	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:39:17F:O5	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:39:17F:O7	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:39:17F:O9	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:39:17F:P1	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:40:17F:C7	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:40:17F:C8	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:40:17F:C9	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:40:17F:N1	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:40:17F:O10	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:40:17F:O4	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:40:17F:O5	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:40:17F:O7	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:40:17F:O9	1	8.42
(1,57)	2:B:185:CYS:HG	4:A:40:17F:P1	1	8.42
(1,57)	2:B:185:CYS:HG	2:B:1:MET:N	1	8.42
(1,57)	2:B:185:CYS:HG	2:B:2:THR:N	1	8.42
(1,57)	2:B:185:CYS:N	3:A:1:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:1:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:N	3:A:1:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:N	3:A:1:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:N	3:A:1:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:N	3:A:1:PCW:N	1	8.42
(1,57)	2:B:185:CYS:N	3:A:1:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:1:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:N	3:A:1:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:N	3:A:1:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:N	3:A:1:PCW:P	1	8.42
(1,57)	2:B:185:CYS:N	3:A:2:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:2:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:N	3:A:2:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:N	3:A:2:PCW:C14	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:N	3:A:2:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:N	3:A:2:PCW:N	1	8.42
(1,57)	2:B:185:CYS:N	3:A:2:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:2:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:N	3:A:2:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:N	3:A:2:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:N	3:A:2:PCW:P	1	8.42
(1,57)	2:B:185:CYS:N	3:A:3:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:3:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:N	3:A:3:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:N	3:A:3:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:N	3:A:3:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:N	3:A:3:PCW:N	1	8.42
(1,57)	2:B:185:CYS:N	3:A:3:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:3:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:N	3:A:3:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:N	3:A:3:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:N	3:A:3:PCW:P	1	8.42
(1,57)	2:B:185:CYS:N	3:A:4:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:4:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:N	3:A:4:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:N	3:A:4:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:N	3:A:4:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:N	3:A:4:PCW:N	1	8.42
(1,57)	2:B:185:CYS:N	3:A:4:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:4:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:N	3:A:4:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:N	3:A:4:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:N	3:A:4:PCW:P	1	8.42
(1,57)	2:B:185:CYS:N	3:A:5:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:5:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:N	3:A:5:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:N	3:A:5:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:N	3:A:5:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:N	3:A:5:PCW:N	1	8.42
(1,57)	2:B:185:CYS:N	3:A:5:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:5:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:N	3:A:5:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:N	3:A:5:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:N	3:A:5:PCW:P	1	8.42
(1,57)	2:B:185:CYS:N	3:A:6:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:6:PCW:C12	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:N	3:A:6:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:N	3:A:6:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:N	3:A:6:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:N	3:A:6:PCW:N	1	8.42
(1,57)	2:B:185:CYS:N	3:A:6:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:6:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:N	3:A:6:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:N	3:A:6:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:N	3:A:6:PCW:P	1	8.42
(1,57)	2:B:185:CYS:N	3:A:7:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:7:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:N	3:A:7:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:N	3:A:7:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:N	3:A:7:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:N	3:A:7:PCW:N	1	8.42
(1,57)	2:B:185:CYS:N	3:A:7:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:7:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:N	3:A:7:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:N	3:A:7:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:N	3:A:7:PCW:P	1	8.42
(1,57)	2:B:185:CYS:N	3:A:8:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:8:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:N	3:A:8:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:N	3:A:8:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:N	3:A:8:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:N	3:A:8:PCW:N	1	8.42
(1,57)	2:B:185:CYS:N	3:A:8:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:8:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:N	3:A:8:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:N	3:A:8:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:N	3:A:8:PCW:P	1	8.42
(1,57)	2:B:185:CYS:N	3:A:9:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:9:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:N	3:A:9:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:N	3:A:9:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:N	3:A:9:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:N	3:A:9:PCW:N	1	8.42
(1,57)	2:B:185:CYS:N	3:A:9:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:9:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:N	3:A:9:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:N	3:A:9:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:N	3:A:9:PCW:P	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:N	3:A:10:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:10:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:N	3:A:10:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:N	3:A:10:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:N	3:A:10:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:N	3:A:10:PCW:N	1	8.42
(1,57)	2:B:185:CYS:N	3:A:10:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:10:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:N	3:A:10:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:N	3:A:10:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:N	3:A:10:PCW:P	1	8.42
(1,57)	2:B:185:CYS:N	3:A:11:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:11:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:N	3:A:11:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:N	3:A:11:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:N	3:A:11:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:N	3:A:11:PCW:N	1	8.42
(1,57)	2:B:185:CYS:N	3:A:11:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:11:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:N	3:A:11:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:N	3:A:11:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:N	3:A:11:PCW:P	1	8.42
(1,57)	2:B:185:CYS:N	3:A:12:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:12:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:N	3:A:12:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:N	3:A:12:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:N	3:A:12:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:N	3:A:12:PCW:N	1	8.42
(1,57)	2:B:185:CYS:N	3:A:12:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:12:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:N	3:A:12:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:N	3:A:12:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:N	3:A:12:PCW:P	1	8.42
(1,57)	2:B:185:CYS:N	3:A:13:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:13:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:N	3:A:13:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:N	3:A:13:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:N	3:A:13:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:N	3:A:13:PCW:N	1	8.42
(1,57)	2:B:185:CYS:N	3:A:13:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:13:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:N	3:A:13:PCW:O3	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:N	3:A:13:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:N	3:A:13:PCW:P	1	8.42
(1,57)	2:B:185:CYS:N	3:A:14:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:14:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:N	3:A:14:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:N	3:A:14:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:N	3:A:14:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:N	3:A:14:PCW:N	1	8.42
(1,57)	2:B:185:CYS:N	3:A:14:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:14:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:N	3:A:14:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:N	3:A:14:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:N	3:A:14:PCW:P	1	8.42
(1,57)	2:B:185:CYS:N	3:A:15:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:15:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:N	3:A:15:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:N	3:A:15:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:N	3:A:15:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:N	3:A:15:PCW:N	1	8.42
(1,57)	2:B:185:CYS:N	3:A:15:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:15:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:N	3:A:15:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:N	3:A:15:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:N	3:A:15:PCW:P	1	8.42
(1,57)	2:B:185:CYS:N	3:A:16:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:16:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:N	3:A:16:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:N	3:A:16:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:N	3:A:16:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:N	3:A:16:PCW:N	1	8.42
(1,57)	2:B:185:CYS:N	3:A:16:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:16:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:N	3:A:16:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:N	3:A:16:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:N	3:A:16:PCW:P	1	8.42
(1,57)	2:B:185:CYS:N	3:A:17:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:17:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:N	3:A:17:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:N	3:A:17:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:N	3:A:17:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:N	3:A:17:PCW:N	1	8.42
(1,57)	2:B:185:CYS:N	3:A:17:PCW:O11	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:N	3:A:17:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:N	3:A:17:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:N	3:A:17:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:N	3:A:17:PCW:P	1	8.42
(1,57)	2:B:185:CYS:N	3:A:18:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:18:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:N	3:A:18:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:N	3:A:18:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:N	3:A:18:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:N	3:A:18:PCW:N	1	8.42
(1,57)	2:B:185:CYS:N	3:A:18:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:18:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:N	3:A:18:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:N	3:A:18:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:N	3:A:18:PCW:P	1	8.42
(1,57)	2:B:185:CYS:N	3:A:19:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:19:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:N	3:A:19:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:N	3:A:19:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:N	3:A:19:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:N	3:A:19:PCW:N	1	8.42
(1,57)	2:B:185:CYS:N	3:A:19:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:19:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:N	3:A:19:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:N	3:A:19:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:N	3:A:19:PCW:P	1	8.42
(1,57)	2:B:185:CYS:N	3:A:20:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:20:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:N	3:A:20:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:N	3:A:20:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:N	3:A:20:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:N	3:A:20:PCW:N	1	8.42
(1,57)	2:B:185:CYS:N	3:A:20:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:20:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:N	3:A:20:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:N	3:A:20:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:N	3:A:20:PCW:P	1	8.42
(1,57)	2:B:185:CYS:N	3:A:21:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:21:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:N	3:A:21:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:N	3:A:21:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:N	3:A:21:PCW:C15	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:N	3:A:21:PCW:N	1	8.42
(1,57)	2:B:185:CYS:N	3:A:21:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:21:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:N	3:A:21:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:N	3:A:21:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:N	3:A:21:PCW:P	1	8.42
(1,57)	2:B:185:CYS:N	3:A:22:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:22:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:N	3:A:22:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:N	3:A:22:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:N	3:A:22:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:N	3:A:22:PCW:N	1	8.42
(1,57)	2:B:185:CYS:N	3:A:22:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:22:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:N	3:A:22:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:N	3:A:22:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:N	3:A:22:PCW:P	1	8.42
(1,57)	2:B:185:CYS:N	3:A:23:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:23:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:N	3:A:23:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:N	3:A:23:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:N	3:A:23:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:N	3:A:23:PCW:N	1	8.42
(1,57)	2:B:185:CYS:N	3:A:23:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:23:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:N	3:A:23:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:N	3:A:23:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:N	3:A:23:PCW:P	1	8.42
(1,57)	2:B:185:CYS:N	3:A:24:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:24:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:N	3:A:24:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:N	3:A:24:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:N	3:A:24:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:N	3:A:24:PCW:N	1	8.42
(1,57)	2:B:185:CYS:N	3:A:24:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:24:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:N	3:A:24:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:N	3:A:24:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:N	3:A:24:PCW:P	1	8.42
(1,57)	2:B:185:CYS:N	3:A:25:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:25:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:N	3:A:25:PCW:C13	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:N	3:A:25:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:N	3:A:25:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:N	3:A:25:PCW:N	1	8.42
(1,57)	2:B:185:CYS:N	3:A:25:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:25:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:N	3:A:25:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:N	3:A:25:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:N	3:A:25:PCW:P	1	8.42
(1,57)	2:B:185:CYS:N	3:A:26:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:26:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:N	3:A:26:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:N	3:A:26:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:N	3:A:26:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:N	3:A:26:PCW:N	1	8.42
(1,57)	2:B:185:CYS:N	3:A:26:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:26:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:N	3:A:26:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:N	3:A:26:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:N	3:A:26:PCW:P	1	8.42
(1,57)	2:B:185:CYS:N	3:A:27:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:27:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:N	3:A:27:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:N	3:A:27:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:N	3:A:27:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:N	3:A:27:PCW:N	1	8.42
(1,57)	2:B:185:CYS:N	3:A:27:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:27:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:N	3:A:27:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:N	3:A:27:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:N	3:A:27:PCW:P	1	8.42
(1,57)	2:B:185:CYS:N	3:A:28:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:28:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:N	3:A:28:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:N	3:A:28:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:N	3:A:28:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:N	3:A:28:PCW:N	1	8.42
(1,57)	2:B:185:CYS:N	3:A:28:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:28:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:N	3:A:28:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:N	3:A:28:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:N	3:A:28:PCW:P	1	8.42
(1,57)	2:B:185:CYS:N	3:A:29:PCW:C11	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:N	3:A:29:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:N	3:A:29:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:N	3:A:29:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:N	3:A:29:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:N	3:A:29:PCW:N	1	8.42
(1,57)	2:B:185:CYS:N	3:A:29:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:29:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:N	3:A:29:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:N	3:A:29:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:N	3:A:29:PCW:P	1	8.42
(1,57)	2:B:185:CYS:N	3:A:30:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:30:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:N	3:A:30:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:N	3:A:30:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:N	3:A:30:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:N	3:A:30:PCW:N	1	8.42
(1,57)	2:B:185:CYS:N	3:A:30:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:30:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:N	3:A:30:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:N	3:A:30:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:N	3:A:30:PCW:P	1	8.42
(1,57)	2:B:185:CYS:N	3:A:31:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:31:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:N	3:A:31:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:N	3:A:31:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:N	3:A:31:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:N	3:A:31:PCW:N	1	8.42
(1,57)	2:B:185:CYS:N	3:A:31:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:31:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:N	3:A:31:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:N	3:A:31:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:N	3:A:31:PCW:P	1	8.42
(1,57)	2:B:185:CYS:N	3:A:32:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:32:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:N	3:A:32:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:N	3:A:32:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:N	3:A:32:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:N	3:A:32:PCW:N	1	8.42
(1,57)	2:B:185:CYS:N	3:A:32:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:N	3:A:32:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:N	3:A:32:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:N	3:A:32:PCW:O31	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:N	3:A:32:PCW:P	1	8.42
(1,57)	2:B:185:CYS:N	4:A:33:17F:C7	1	8.42
(1,57)	2:B:185:CYS:N	4:A:33:17F:C8	1	8.42
(1,57)	2:B:185:CYS:N	4:A:33:17F:C9	1	8.42
(1,57)	2:B:185:CYS:N	4:A:33:17F:N1	1	8.42
(1,57)	2:B:185:CYS:N	4:A:33:17F:O10	1	8.42
(1,57)	2:B:185:CYS:N	4:A:33:17F:O4	1	8.42
(1,57)	2:B:185:CYS:N	4:A:33:17F:O5	1	8.42
(1,57)	2:B:185:CYS:N	4:A:33:17F:O7	1	8.42
(1,57)	2:B:185:CYS:N	4:A:33:17F:O9	1	8.42
(1,57)	2:B:185:CYS:N	4:A:33:17F:P1	1	8.42
(1,57)	2:B:185:CYS:N	4:A:34:17F:C7	1	8.42
(1,57)	2:B:185:CYS:N	4:A:34:17F:C8	1	8.42
(1,57)	2:B:185:CYS:N	4:A:34:17F:C9	1	8.42
(1,57)	2:B:185:CYS:N	4:A:34:17F:N1	1	8.42
(1,57)	2:B:185:CYS:N	4:A:34:17F:O10	1	8.42
(1,57)	2:B:185:CYS:N	4:A:34:17F:O4	1	8.42
(1,57)	2:B:185:CYS:N	4:A:34:17F:O5	1	8.42
(1,57)	2:B:185:CYS:N	4:A:34:17F:O7	1	8.42
(1,57)	2:B:185:CYS:N	4:A:34:17F:O9	1	8.42
(1,57)	2:B:185:CYS:N	4:A:34:17F:P1	1	8.42
(1,57)	2:B:185:CYS:N	4:A:35:17F:C7	1	8.42
(1,57)	2:B:185:CYS:N	4:A:35:17F:C8	1	8.42
(1,57)	2:B:185:CYS:N	4:A:35:17F:C9	1	8.42
(1,57)	2:B:185:CYS:N	4:A:35:17F:N1	1	8.42
(1,57)	2:B:185:CYS:N	4:A:35:17F:O10	1	8.42
(1,57)	2:B:185:CYS:N	4:A:35:17F:O4	1	8.42
(1,57)	2:B:185:CYS:N	4:A:35:17F:O5	1	8.42
(1,57)	2:B:185:CYS:N	4:A:35:17F:O7	1	8.42
(1,57)	2:B:185:CYS:N	4:A:35:17F:O9	1	8.42
(1,57)	2:B:185:CYS:N	4:A:35:17F:P1	1	8.42
(1,57)	2:B:185:CYS:N	4:A:36:17F:C7	1	8.42
(1,57)	2:B:185:CYS:N	4:A:36:17F:C8	1	8.42
(1,57)	2:B:185:CYS:N	4:A:36:17F:C9	1	8.42
(1,57)	2:B:185:CYS:N	4:A:36:17F:N1	1	8.42
(1,57)	2:B:185:CYS:N	4:A:36:17F:O10	1	8.42
(1,57)	2:B:185:CYS:N	4:A:36:17F:O4	1	8.42
(1,57)	2:B:185:CYS:N	4:A:36:17F:O5	1	8.42
(1,57)	2:B:185:CYS:N	4:A:36:17F:O7	1	8.42
(1,57)	2:B:185:CYS:N	4:A:36:17F:O9	1	8.42
(1,57)	2:B:185:CYS:N	4:A:36:17F:P1	1	8.42
(1,57)	2:B:185:CYS:N	4:A:37:17F:C7	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:N	4:A:37:17F:C8	1	8.42
(1,57)	2:B:185:CYS:N	4:A:37:17F:C9	1	8.42
(1,57)	2:B:185:CYS:N	4:A:37:17F:N1	1	8.42
(1,57)	2:B:185:CYS:N	4:A:37:17F:O10	1	8.42
(1,57)	2:B:185:CYS:N	4:A:37:17F:O4	1	8.42
(1,57)	2:B:185:CYS:N	4:A:37:17F:O5	1	8.42
(1,57)	2:B:185:CYS:N	4:A:37:17F:O7	1	8.42
(1,57)	2:B:185:CYS:N	4:A:37:17F:O9	1	8.42
(1,57)	2:B:185:CYS:N	4:A:37:17F:P1	1	8.42
(1,57)	2:B:185:CYS:N	4:A:38:17F:C7	1	8.42
(1,57)	2:B:185:CYS:N	4:A:38:17F:C8	1	8.42
(1,57)	2:B:185:CYS:N	4:A:38:17F:C9	1	8.42
(1,57)	2:B:185:CYS:N	4:A:38:17F:N1	1	8.42
(1,57)	2:B:185:CYS:N	4:A:38:17F:O10	1	8.42
(1,57)	2:B:185:CYS:N	4:A:38:17F:O4	1	8.42
(1,57)	2:B:185:CYS:N	4:A:38:17F:O5	1	8.42
(1,57)	2:B:185:CYS:N	4:A:38:17F:O7	1	8.42
(1,57)	2:B:185:CYS:N	4:A:38:17F:O9	1	8.42
(1,57)	2:B:185:CYS:N	4:A:38:17F:P1	1	8.42
(1,57)	2:B:185:CYS:N	4:A:39:17F:C7	1	8.42
(1,57)	2:B:185:CYS:N	4:A:39:17F:C8	1	8.42
(1,57)	2:B:185:CYS:N	4:A:39:17F:C9	1	8.42
(1,57)	2:B:185:CYS:N	4:A:39:17F:N1	1	8.42
(1,57)	2:B:185:CYS:N	4:A:39:17F:O10	1	8.42
(1,57)	2:B:185:CYS:N	4:A:39:17F:O4	1	8.42
(1,57)	2:B:185:CYS:N	4:A:39:17F:O5	1	8.42
(1,57)	2:B:185:CYS:N	4:A:39:17F:O7	1	8.42
(1,57)	2:B:185:CYS:N	4:A:39:17F:O9	1	8.42
(1,57)	2:B:185:CYS:N	4:A:39:17F:P1	1	8.42
(1,57)	2:B:185:CYS:N	4:A:40:17F:C7	1	8.42
(1,57)	2:B:185:CYS:N	4:A:40:17F:C8	1	8.42
(1,57)	2:B:185:CYS:N	4:A:40:17F:C9	1	8.42
(1,57)	2:B:185:CYS:N	4:A:40:17F:N1	1	8.42
(1,57)	2:B:185:CYS:N	4:A:40:17F:O10	1	8.42
(1,57)	2:B:185:CYS:N	4:A:40:17F:O4	1	8.42
(1,57)	2:B:185:CYS:N	4:A:40:17F:O5	1	8.42
(1,57)	2:B:185:CYS:N	4:A:40:17F:O7	1	8.42
(1,57)	2:B:185:CYS:N	4:A:40:17F:O9	1	8.42
(1,57)	2:B:185:CYS:N	4:A:40:17F:P1	1	8.42
(1,57)	2:B:185:CYS:N	2:B:1:MET:N	1	8.42
(1,57)	2:B:185:CYS:N	2:B:2:THR:N	1	8.42
(1,57)	2:B:185:CYS:O	3:A:1:PCW:C11	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:O	3:A:1:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:O	3:A:1:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:O	3:A:1:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:O	3:A:1:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:O	3:A:1:PCW:N	1	8.42
(1,57)	2:B:185:CYS:O	3:A:1:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:1:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:O	3:A:1:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:O	3:A:1:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:O	3:A:1:PCW:P	1	8.42
(1,57)	2:B:185:CYS:O	3:A:2:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:2:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:O	3:A:2:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:O	3:A:2:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:O	3:A:2:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:O	3:A:2:PCW:N	1	8.42
(1,57)	2:B:185:CYS:O	3:A:2:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:2:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:O	3:A:2:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:O	3:A:2:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:O	3:A:2:PCW:P	1	8.42
(1,57)	2:B:185:CYS:O	3:A:3:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:3:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:O	3:A:3:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:O	3:A:3:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:O	3:A:3:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:O	3:A:3:PCW:N	1	8.42
(1,57)	2:B:185:CYS:O	3:A:3:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:3:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:O	3:A:3:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:O	3:A:3:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:O	3:A:3:PCW:P	1	8.42
(1,57)	2:B:185:CYS:O	3:A:4:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:4:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:O	3:A:4:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:O	3:A:4:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:O	3:A:4:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:O	3:A:4:PCW:N	1	8.42
(1,57)	2:B:185:CYS:O	3:A:4:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:4:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:O	3:A:4:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:O	3:A:4:PCW:O31	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:O	3:A:4:PCW:P	1	8.42
(1,57)	2:B:185:CYS:O	3:A:5:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:5:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:O	3:A:5:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:O	3:A:5:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:O	3:A:5:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:O	3:A:5:PCW:N	1	8.42
(1,57)	2:B:185:CYS:O	3:A:5:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:5:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:O	3:A:5:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:O	3:A:5:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:O	3:A:5:PCW:P	1	8.42
(1,57)	2:B:185:CYS:O	3:A:6:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:6:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:O	3:A:6:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:O	3:A:6:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:O	3:A:6:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:O	3:A:6:PCW:N	1	8.42
(1,57)	2:B:185:CYS:O	3:A:6:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:6:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:O	3:A:6:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:O	3:A:6:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:O	3:A:6:PCW:P	1	8.42
(1,57)	2:B:185:CYS:O	3:A:7:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:7:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:O	3:A:7:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:O	3:A:7:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:O	3:A:7:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:O	3:A:7:PCW:N	1	8.42
(1,57)	2:B:185:CYS:O	3:A:7:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:7:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:O	3:A:7:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:O	3:A:7:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:O	3:A:7:PCW:P	1	8.42
(1,57)	2:B:185:CYS:O	3:A:8:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:8:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:O	3:A:8:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:O	3:A:8:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:O	3:A:8:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:O	3:A:8:PCW:N	1	8.42
(1,57)	2:B:185:CYS:O	3:A:8:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:8:PCW:O2	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:O	3:A:8:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:O	3:A:8:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:O	3:A:8:PCW:P	1	8.42
(1,57)	2:B:185:CYS:O	3:A:9:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:9:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:O	3:A:9:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:O	3:A:9:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:O	3:A:9:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:O	3:A:9:PCW:N	1	8.42
(1,57)	2:B:185:CYS:O	3:A:9:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:9:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:O	3:A:9:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:O	3:A:9:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:O	3:A:9:PCW:P	1	8.42
(1,57)	2:B:185:CYS:O	3:A:10:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:10:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:O	3:A:10:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:O	3:A:10:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:O	3:A:10:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:O	3:A:10:PCW:N	1	8.42
(1,57)	2:B:185:CYS:O	3:A:10:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:10:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:O	3:A:10:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:O	3:A:10:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:O	3:A:10:PCW:P	1	8.42
(1,57)	2:B:185:CYS:O	3:A:11:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:11:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:O	3:A:11:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:O	3:A:11:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:O	3:A:11:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:O	3:A:11:PCW:N	1	8.42
(1,57)	2:B:185:CYS:O	3:A:11:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:11:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:O	3:A:11:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:O	3:A:11:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:O	3:A:11:PCW:P	1	8.42
(1,57)	2:B:185:CYS:O	3:A:12:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:12:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:O	3:A:12:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:O	3:A:12:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:O	3:A:12:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:O	3:A:12:PCW:N	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:O	3:A:12:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:12:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:O	3:A:12:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:O	3:A:12:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:O	3:A:12:PCW:P	1	8.42
(1,57)	2:B:185:CYS:O	3:A:13:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:13:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:O	3:A:13:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:O	3:A:13:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:O	3:A:13:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:O	3:A:13:PCW:N	1	8.42
(1,57)	2:B:185:CYS:O	3:A:13:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:13:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:O	3:A:13:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:O	3:A:13:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:O	3:A:13:PCW:P	1	8.42
(1,57)	2:B:185:CYS:O	3:A:14:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:14:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:O	3:A:14:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:O	3:A:14:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:O	3:A:14:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:O	3:A:14:PCW:N	1	8.42
(1,57)	2:B:185:CYS:O	3:A:14:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:14:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:O	3:A:14:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:O	3:A:14:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:O	3:A:14:PCW:P	1	8.42
(1,57)	2:B:185:CYS:O	3:A:15:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:15:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:O	3:A:15:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:O	3:A:15:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:O	3:A:15:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:O	3:A:15:PCW:N	1	8.42
(1,57)	2:B:185:CYS:O	3:A:15:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:15:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:O	3:A:15:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:O	3:A:15:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:O	3:A:15:PCW:P	1	8.42
(1,57)	2:B:185:CYS:O	3:A:16:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:16:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:O	3:A:16:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:O	3:A:16:PCW:C14	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:O	3:A:16:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:O	3:A:16:PCW:N	1	8.42
(1,57)	2:B:185:CYS:O	3:A:16:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:16:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:O	3:A:16:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:O	3:A:16:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:O	3:A:16:PCW:P	1	8.42
(1,57)	2:B:185:CYS:O	3:A:17:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:17:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:O	3:A:17:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:O	3:A:17:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:O	3:A:17:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:O	3:A:17:PCW:N	1	8.42
(1,57)	2:B:185:CYS:O	3:A:17:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:17:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:O	3:A:17:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:O	3:A:17:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:O	3:A:17:PCW:P	1	8.42
(1,57)	2:B:185:CYS:O	3:A:18:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:18:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:O	3:A:18:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:O	3:A:18:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:O	3:A:18:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:O	3:A:18:PCW:N	1	8.42
(1,57)	2:B:185:CYS:O	3:A:18:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:18:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:O	3:A:18:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:O	3:A:18:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:O	3:A:18:PCW:P	1	8.42
(1,57)	2:B:185:CYS:O	3:A:19:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:19:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:O	3:A:19:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:O	3:A:19:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:O	3:A:19:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:O	3:A:19:PCW:N	1	8.42
(1,57)	2:B:185:CYS:O	3:A:19:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:19:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:O	3:A:19:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:O	3:A:19:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:O	3:A:19:PCW:P	1	8.42
(1,57)	2:B:185:CYS:O	3:A:20:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:20:PCW:C12	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:O	3:A:20:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:O	3:A:20:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:O	3:A:20:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:O	3:A:20:PCW:N	1	8.42
(1,57)	2:B:185:CYS:O	3:A:20:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:20:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:O	3:A:20:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:O	3:A:20:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:O	3:A:20:PCW:P	1	8.42
(1,57)	2:B:185:CYS:O	3:A:21:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:21:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:O	3:A:21:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:O	3:A:21:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:O	3:A:21:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:O	3:A:21:PCW:N	1	8.42
(1,57)	2:B:185:CYS:O	3:A:21:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:21:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:O	3:A:21:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:O	3:A:21:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:O	3:A:21:PCW:P	1	8.42
(1,57)	2:B:185:CYS:O	3:A:22:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:22:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:O	3:A:22:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:O	3:A:22:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:O	3:A:22:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:O	3:A:22:PCW:N	1	8.42
(1,57)	2:B:185:CYS:O	3:A:22:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:22:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:O	3:A:22:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:O	3:A:22:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:O	3:A:22:PCW:P	1	8.42
(1,57)	2:B:185:CYS:O	3:A:23:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:23:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:O	3:A:23:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:O	3:A:23:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:O	3:A:23:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:O	3:A:23:PCW:N	1	8.42
(1,57)	2:B:185:CYS:O	3:A:23:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:23:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:O	3:A:23:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:O	3:A:23:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:O	3:A:23:PCW:P	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:O	3:A:24:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:24:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:O	3:A:24:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:O	3:A:24:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:O	3:A:24:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:O	3:A:24:PCW:N	1	8.42
(1,57)	2:B:185:CYS:O	3:A:24:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:24:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:O	3:A:24:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:O	3:A:24:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:O	3:A:24:PCW:P	1	8.42
(1,57)	2:B:185:CYS:O	3:A:25:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:25:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:O	3:A:25:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:O	3:A:25:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:O	3:A:25:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:O	3:A:25:PCW:N	1	8.42
(1,57)	2:B:185:CYS:O	3:A:25:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:25:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:O	3:A:25:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:O	3:A:25:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:O	3:A:25:PCW:P	1	8.42
(1,57)	2:B:185:CYS:O	3:A:26:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:26:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:O	3:A:26:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:O	3:A:26:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:O	3:A:26:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:O	3:A:26:PCW:N	1	8.42
(1,57)	2:B:185:CYS:O	3:A:26:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:26:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:O	3:A:26:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:O	3:A:26:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:O	3:A:26:PCW:P	1	8.42
(1,57)	2:B:185:CYS:O	3:A:27:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:27:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:O	3:A:27:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:O	3:A:27:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:O	3:A:27:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:O	3:A:27:PCW:N	1	8.42
(1,57)	2:B:185:CYS:O	3:A:27:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:27:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:O	3:A:27:PCW:O3	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:O	3:A:27:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:O	3:A:27:PCW:P	1	8.42
(1,57)	2:B:185:CYS:O	3:A:28:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:28:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:O	3:A:28:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:O	3:A:28:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:O	3:A:28:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:O	3:A:28:PCW:N	1	8.42
(1,57)	2:B:185:CYS:O	3:A:28:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:28:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:O	3:A:28:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:O	3:A:28:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:O	3:A:28:PCW:P	1	8.42
(1,57)	2:B:185:CYS:O	3:A:29:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:29:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:O	3:A:29:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:O	3:A:29:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:O	3:A:29:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:O	3:A:29:PCW:N	1	8.42
(1,57)	2:B:185:CYS:O	3:A:29:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:29:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:O	3:A:29:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:O	3:A:29:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:O	3:A:29:PCW:P	1	8.42
(1,57)	2:B:185:CYS:O	3:A:30:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:30:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:O	3:A:30:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:O	3:A:30:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:O	3:A:30:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:O	3:A:30:PCW:N	1	8.42
(1,57)	2:B:185:CYS:O	3:A:30:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:30:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:O	3:A:30:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:O	3:A:30:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:O	3:A:30:PCW:P	1	8.42
(1,57)	2:B:185:CYS:O	3:A:31:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:31:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:O	3:A:31:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:O	3:A:31:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:O	3:A:31:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:O	3:A:31:PCW:N	1	8.42
(1,57)	2:B:185:CYS:O	3:A:31:PCW:O11	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:O	3:A:31:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:O	3:A:31:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:O	3:A:31:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:O	3:A:31:PCW:P	1	8.42
(1,57)	2:B:185:CYS:O	3:A:32:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:32:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:O	3:A:32:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:O	3:A:32:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:O	3:A:32:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:O	3:A:32:PCW:N	1	8.42
(1,57)	2:B:185:CYS:O	3:A:32:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:O	3:A:32:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:O	3:A:32:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:O	3:A:32:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:O	3:A:32:PCW:P	1	8.42
(1,57)	2:B:185:CYS:O	4:A:33:17F:C7	1	8.42
(1,57)	2:B:185:CYS:O	4:A:33:17F:C8	1	8.42
(1,57)	2:B:185:CYS:O	4:A:33:17F:C9	1	8.42
(1,57)	2:B:185:CYS:O	4:A:33:17F:N1	1	8.42
(1,57)	2:B:185:CYS:O	4:A:33:17F:O10	1	8.42
(1,57)	2:B:185:CYS:O	4:A:33:17F:O4	1	8.42
(1,57)	2:B:185:CYS:O	4:A:33:17F:O5	1	8.42
(1,57)	2:B:185:CYS:O	4:A:33:17F:O7	1	8.42
(1,57)	2:B:185:CYS:O	4:A:33:17F:O9	1	8.42
(1,57)	2:B:185:CYS:O	4:A:33:17F:P1	1	8.42
(1,57)	2:B:185:CYS:O	4:A:34:17F:C7	1	8.42
(1,57)	2:B:185:CYS:O	4:A:34:17F:C8	1	8.42
(1,57)	2:B:185:CYS:O	4:A:34:17F:C9	1	8.42
(1,57)	2:B:185:CYS:O	4:A:34:17F:N1	1	8.42
(1,57)	2:B:185:CYS:O	4:A:34:17F:O10	1	8.42
(1,57)	2:B:185:CYS:O	4:A:34:17F:O4	1	8.42
(1,57)	2:B:185:CYS:O	4:A:34:17F:O5	1	8.42
(1,57)	2:B:185:CYS:O	4:A:34:17F:O7	1	8.42
(1,57)	2:B:185:CYS:O	4:A:34:17F:O9	1	8.42
(1,57)	2:B:185:CYS:O	4:A:34:17F:P1	1	8.42
(1,57)	2:B:185:CYS:O	4:A:35:17F:C7	1	8.42
(1,57)	2:B:185:CYS:O	4:A:35:17F:C8	1	8.42
(1,57)	2:B:185:CYS:O	4:A:35:17F:C9	1	8.42
(1,57)	2:B:185:CYS:O	4:A:35:17F:N1	1	8.42
(1,57)	2:B:185:CYS:O	4:A:35:17F:O10	1	8.42
(1,57)	2:B:185:CYS:O	4:A:35:17F:O4	1	8.42
(1,57)	2:B:185:CYS:O	4:A:35:17F:O5	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:O	4:A:35:17F:O7	1	8.42
(1,57)	2:B:185:CYS:O	4:A:35:17F:O9	1	8.42
(1,57)	2:B:185:CYS:O	4:A:35:17F:P1	1	8.42
(1,57)	2:B:185:CYS:O	4:A:36:17F:C7	1	8.42
(1,57)	2:B:185:CYS:O	4:A:36:17F:C8	1	8.42
(1,57)	2:B:185:CYS:O	4:A:36:17F:C9	1	8.42
(1,57)	2:B:185:CYS:O	4:A:36:17F:N1	1	8.42
(1,57)	2:B:185:CYS:O	4:A:36:17F:O10	1	8.42
(1,57)	2:B:185:CYS:O	4:A:36:17F:O4	1	8.42
(1,57)	2:B:185:CYS:O	4:A:36:17F:O5	1	8.42
(1,57)	2:B:185:CYS:O	4:A:36:17F:O7	1	8.42
(1,57)	2:B:185:CYS:O	4:A:36:17F:O9	1	8.42
(1,57)	2:B:185:CYS:O	4:A:36:17F:P1	1	8.42
(1,57)	2:B:185:CYS:O	4:A:37:17F:C7	1	8.42
(1,57)	2:B:185:CYS:O	4:A:37:17F:C8	1	8.42
(1,57)	2:B:185:CYS:O	4:A:37:17F:C9	1	8.42
(1,57)	2:B:185:CYS:O	4:A:37:17F:N1	1	8.42
(1,57)	2:B:185:CYS:O	4:A:37:17F:O10	1	8.42
(1,57)	2:B:185:CYS:O	4:A:37:17F:O4	1	8.42
(1,57)	2:B:185:CYS:O	4:A:37:17F:O5	1	8.42
(1,57)	2:B:185:CYS:O	4:A:37:17F:O7	1	8.42
(1,57)	2:B:185:CYS:O	4:A:37:17F:O9	1	8.42
(1,57)	2:B:185:CYS:O	4:A:37:17F:P1	1	8.42
(1,57)	2:B:185:CYS:O	4:A:38:17F:C7	1	8.42
(1,57)	2:B:185:CYS:O	4:A:38:17F:C8	1	8.42
(1,57)	2:B:185:CYS:O	4:A:38:17F:C9	1	8.42
(1,57)	2:B:185:CYS:O	4:A:38:17F:N1	1	8.42
(1,57)	2:B:185:CYS:O	4:A:38:17F:O10	1	8.42
(1,57)	2:B:185:CYS:O	4:A:38:17F:O4	1	8.42
(1,57)	2:B:185:CYS:O	4:A:38:17F:O5	1	8.42
(1,57)	2:B:185:CYS:O	4:A:38:17F:O7	1	8.42
(1,57)	2:B:185:CYS:O	4:A:38:17F:O9	1	8.42
(1,57)	2:B:185:CYS:O	4:A:38:17F:P1	1	8.42
(1,57)	2:B:185:CYS:O	4:A:39:17F:C7	1	8.42
(1,57)	2:B:185:CYS:O	4:A:39:17F:C8	1	8.42
(1,57)	2:B:185:CYS:O	4:A:39:17F:C9	1	8.42
(1,57)	2:B:185:CYS:O	4:A:39:17F:N1	1	8.42
(1,57)	2:B:185:CYS:O	4:A:39:17F:O10	1	8.42
(1,57)	2:B:185:CYS:O	4:A:39:17F:O4	1	8.42
(1,57)	2:B:185:CYS:O	4:A:39:17F:O5	1	8.42
(1,57)	2:B:185:CYS:O	4:A:39:17F:O7	1	8.42
(1,57)	2:B:185:CYS:O	4:A:39:17F:O9	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:O	4:A:39:17F:P1	1	8.42
(1,57)	2:B:185:CYS:O	4:A:40:17F:C7	1	8.42
(1,57)	2:B:185:CYS:O	4:A:40:17F:C8	1	8.42
(1,57)	2:B:185:CYS:O	4:A:40:17F:C9	1	8.42
(1,57)	2:B:185:CYS:O	4:A:40:17F:N1	1	8.42
(1,57)	2:B:185:CYS:O	4:A:40:17F:O10	1	8.42
(1,57)	2:B:185:CYS:O	4:A:40:17F:O4	1	8.42
(1,57)	2:B:185:CYS:O	4:A:40:17F:O5	1	8.42
(1,57)	2:B:185:CYS:O	4:A:40:17F:O7	1	8.42
(1,57)	2:B:185:CYS:O	4:A:40:17F:O9	1	8.42
(1,57)	2:B:185:CYS:O	4:A:40:17F:P1	1	8.42
(1,57)	2:B:185:CYS:O	2:B:1:MET:N	1	8.42
(1,57)	2:B:185:CYS:O	2:B:2:THR:N	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:1:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:1:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:1:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:1:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:1:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:1:PCW:N	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:1:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:1:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:1:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:1:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:1:PCW:P	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:2:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:2:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:2:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:2:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:2:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:2:PCW:N	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:2:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:2:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:2:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:2:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:2:PCW:P	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:3:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:3:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:3:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:3:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:3:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:3:PCW:N	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:3:PCW:O11	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:SG	3:A:3:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:3:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:3:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:3:PCW:P	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:4:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:4:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:4:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:4:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:4:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:4:PCW:N	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:4:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:4:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:4:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:4:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:4:PCW:P	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:5:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:5:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:5:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:5:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:5:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:5:PCW:N	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:5:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:5:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:5:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:5:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:5:PCW:P	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:6:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:6:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:6:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:6:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:6:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:6:PCW:N	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:6:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:6:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:6:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:6:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:6:PCW:P	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:7:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:7:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:7:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:7:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:7:PCW:C15	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:SG	3:A:7:PCW:N	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:7:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:7:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:7:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:7:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:7:PCW:P	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:8:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:8:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:8:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:8:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:8:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:8:PCW:N	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:8:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:8:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:8:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:8:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:8:PCW:P	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:9:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:9:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:9:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:9:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:9:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:9:PCW:N	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:9:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:9:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:9:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:9:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:9:PCW:P	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:10:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:10:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:10:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:10:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:10:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:10:PCW:N	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:10:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:10:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:10:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:10:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:10:PCW:P	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:11:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:11:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:11:PCW:C13	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:SG	3:A:11:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:11:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:11:PCW:N	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:11:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:11:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:11:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:11:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:11:PCW:P	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:12:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:12:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:12:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:12:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:12:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:12:PCW:N	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:12:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:12:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:12:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:12:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:12:PCW:P	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:13:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:13:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:13:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:13:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:13:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:13:PCW:N	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:13:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:13:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:13:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:13:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:13:PCW:P	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:14:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:14:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:14:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:14:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:14:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:14:PCW:N	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:14:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:14:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:14:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:14:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:14:PCW:P	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:15:PCW:C11	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:SG	3:A:15:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:15:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:15:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:15:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:15:PCW:N	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:15:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:15:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:15:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:15:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:15:PCW:P	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:16:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:16:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:16:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:16:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:16:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:16:PCW:N	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:16:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:16:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:16:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:16:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:16:PCW:P	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:17:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:17:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:17:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:17:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:17:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:17:PCW:N	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:17:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:17:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:17:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:17:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:17:PCW:P	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:18:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:18:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:18:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:18:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:18:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:18:PCW:N	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:18:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:18:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:18:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:18:PCW:O31	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:SG	3:A:18:PCW:P	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:19:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:19:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:19:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:19:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:19:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:19:PCW:N	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:19:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:19:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:19:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:19:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:19:PCW:P	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:20:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:20:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:20:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:20:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:20:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:20:PCW:N	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:20:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:20:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:20:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:20:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:20:PCW:P	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:21:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:21:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:21:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:21:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:21:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:21:PCW:N	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:21:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:21:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:21:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:21:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:21:PCW:P	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:22:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:22:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:22:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:22:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:22:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:22:PCW:N	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:22:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:22:PCW:O2	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:SG	3:A:22:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:22:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:22:PCW:P	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:23:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:23:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:23:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:23:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:23:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:23:PCW:N	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:23:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:23:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:23:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:23:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:23:PCW:P	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:24:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:24:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:24:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:24:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:24:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:24:PCW:N	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:24:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:24:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:24:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:24:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:24:PCW:P	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:25:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:25:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:25:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:25:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:25:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:25:PCW:N	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:25:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:25:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:25:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:25:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:25:PCW:P	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:26:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:26:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:26:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:26:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:26:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:26:PCW:N	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:SG	3:A:26:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:26:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:26:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:26:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:26:PCW:P	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:27:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:27:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:27:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:27:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:27:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:27:PCW:N	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:27:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:27:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:27:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:27:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:27:PCW:P	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:28:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:28:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:28:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:28:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:28:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:28:PCW:N	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:28:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:28:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:28:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:28:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:28:PCW:P	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:29:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:29:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:29:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:29:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:29:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:29:PCW:N	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:29:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:29:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:29:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:29:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:29:PCW:P	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:30:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:30:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:30:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:30:PCW:C14	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:SG	3:A:30:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:30:PCW:N	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:30:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:30:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:30:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:30:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:30:PCW:P	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:31:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:31:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:31:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:31:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:31:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:31:PCW:N	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:31:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:31:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:31:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:31:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:31:PCW:P	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:32:PCW:C11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:32:PCW:C12	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:32:PCW:C13	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:32:PCW:C14	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:32:PCW:C15	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:32:PCW:N	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:32:PCW:O11	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:32:PCW:O2	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:32:PCW:O3	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:32:PCW:O31	1	8.42
(1,57)	2:B:185:CYS:SG	3:A:32:PCW:P	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:33:17F:C7	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:33:17F:C8	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:33:17F:C9	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:33:17F:N1	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:33:17F:O10	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:33:17F:O4	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:33:17F:O5	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:33:17F:O7	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:33:17F:O9	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:33:17F:P1	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:34:17F:C7	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:34:17F:C8	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:34:17F:C9	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:SG	4:A:34:17F:N1	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:34:17F:O10	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:34:17F:O4	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:34:17F:O5	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:34:17F:O7	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:34:17F:O9	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:34:17F:P1	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:35:17F:C7	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:35:17F:C8	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:35:17F:C9	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:35:17F:N1	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:35:17F:O10	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:35:17F:O4	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:35:17F:O5	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:35:17F:O7	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:35:17F:O9	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:35:17F:P1	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:36:17F:C7	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:36:17F:C8	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:36:17F:C9	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:36:17F:N1	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:36:17F:O10	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:36:17F:O4	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:36:17F:O5	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:36:17F:O7	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:36:17F:O9	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:36:17F:P1	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:37:17F:C7	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:37:17F:C8	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:37:17F:C9	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:37:17F:N1	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:37:17F:O10	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:37:17F:O4	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:37:17F:O5	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:37:17F:O7	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:37:17F:O9	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:37:17F:P1	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:38:17F:C7	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:38:17F:C8	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:38:17F:C9	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:38:17F:N1	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:38:17F:O10	1	8.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:SG	4:A:38:17F:O4	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:38:17F:O5	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:38:17F:O7	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:38:17F:O9	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:38:17F:P1	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:39:17F:C7	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:39:17F:C8	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:39:17F:C9	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:39:17F:N1	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:39:17F:O10	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:39:17F:O4	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:39:17F:O5	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:39:17F:O7	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:39:17F:O9	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:39:17F:P1	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:40:17F:C7	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:40:17F:C8	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:40:17F:C9	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:40:17F:N1	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:40:17F:O10	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:40:17F:O4	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:40:17F:O5	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:40:17F:O7	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:40:17F:O9	1	8.42
(1,57)	2:B:185:CYS:SG	4:A:40:17F:P1	1	8.42
(1,57)	2:B:185:CYS:SG	2:B:1:MET:N	1	8.42
(1,57)	2:B:185:CYS:SG	2:B:2:THR:N	1	8.42
(1,57)	2:B:185:CYS:C	3:A:1:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:1:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:C	3:A:1:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:C	3:A:1:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:C	3:A:1:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:C	3:A:1:PCW:N	6	7.47
(1,57)	2:B:185:CYS:C	3:A:1:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:1:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:C	3:A:1:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:C	3:A:1:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:C	3:A:1:PCW:P	6	7.47
(1,57)	2:B:185:CYS:C	3:A:2:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:2:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:C	3:A:2:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:C	3:A:2:PCW:C14	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:C	3:A:2:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:C	3:A:2:PCW:N	6	7.47
(1,57)	2:B:185:CYS:C	3:A:2:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:2:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:C	3:A:2:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:C	3:A:2:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:C	3:A:2:PCW:P	6	7.47
(1,57)	2:B:185:CYS:C	3:A:3:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:3:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:C	3:A:3:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:C	3:A:3:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:C	3:A:3:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:C	3:A:3:PCW:N	6	7.47
(1,57)	2:B:185:CYS:C	3:A:3:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:3:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:C	3:A:3:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:C	3:A:3:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:C	3:A:3:PCW:P	6	7.47
(1,57)	2:B:185:CYS:C	3:A:4:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:4:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:C	3:A:4:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:C	3:A:4:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:C	3:A:4:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:C	3:A:4:PCW:N	6	7.47
(1,57)	2:B:185:CYS:C	3:A:4:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:4:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:C	3:A:4:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:C	3:A:4:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:C	3:A:4:PCW:P	6	7.47
(1,57)	2:B:185:CYS:C	3:A:5:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:5:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:C	3:A:5:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:C	3:A:5:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:C	3:A:5:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:C	3:A:5:PCW:N	6	7.47
(1,57)	2:B:185:CYS:C	3:A:5:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:5:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:C	3:A:5:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:C	3:A:5:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:C	3:A:5:PCW:P	6	7.47
(1,57)	2:B:185:CYS:C	3:A:6:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:6:PCW:C12	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:C	3:A:6:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:C	3:A:6:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:C	3:A:6:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:C	3:A:6:PCW:N	6	7.47
(1,57)	2:B:185:CYS:C	3:A:6:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:6:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:C	3:A:6:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:C	3:A:6:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:C	3:A:6:PCW:P	6	7.47
(1,57)	2:B:185:CYS:C	3:A:7:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:7:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:C	3:A:7:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:C	3:A:7:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:C	3:A:7:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:C	3:A:7:PCW:N	6	7.47
(1,57)	2:B:185:CYS:C	3:A:7:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:7:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:C	3:A:7:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:C	3:A:7:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:C	3:A:7:PCW:P	6	7.47
(1,57)	2:B:185:CYS:C	3:A:8:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:8:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:C	3:A:8:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:C	3:A:8:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:C	3:A:8:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:C	3:A:8:PCW:N	6	7.47
(1,57)	2:B:185:CYS:C	3:A:8:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:8:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:C	3:A:8:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:C	3:A:8:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:C	3:A:8:PCW:P	6	7.47
(1,57)	2:B:185:CYS:C	3:A:9:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:9:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:C	3:A:9:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:C	3:A:9:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:C	3:A:9:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:C	3:A:9:PCW:N	6	7.47
(1,57)	2:B:185:CYS:C	3:A:9:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:9:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:C	3:A:9:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:C	3:A:9:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:C	3:A:9:PCW:P	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:C	3:A:10:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:10:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:C	3:A:10:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:C	3:A:10:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:C	3:A:10:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:C	3:A:10:PCW:N	6	7.47
(1,57)	2:B:185:CYS:C	3:A:10:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:10:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:C	3:A:10:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:C	3:A:10:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:C	3:A:10:PCW:P	6	7.47
(1,57)	2:B:185:CYS:C	3:A:11:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:11:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:C	3:A:11:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:C	3:A:11:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:C	3:A:11:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:C	3:A:11:PCW:N	6	7.47
(1,57)	2:B:185:CYS:C	3:A:11:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:11:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:C	3:A:11:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:C	3:A:11:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:C	3:A:11:PCW:P	6	7.47
(1,57)	2:B:185:CYS:C	3:A:12:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:12:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:C	3:A:12:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:C	3:A:12:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:C	3:A:12:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:C	3:A:12:PCW:N	6	7.47
(1,57)	2:B:185:CYS:C	3:A:12:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:12:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:C	3:A:12:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:C	3:A:12:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:C	3:A:12:PCW:P	6	7.47
(1,57)	2:B:185:CYS:C	3:A:13:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:13:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:C	3:A:13:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:C	3:A:13:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:C	3:A:13:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:C	3:A:13:PCW:N	6	7.47
(1,57)	2:B:185:CYS:C	3:A:13:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:13:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:C	3:A:13:PCW:O3	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:C	3:A:13:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:C	3:A:13:PCW:P	6	7.47
(1,57)	2:B:185:CYS:C	3:A:14:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:14:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:C	3:A:14:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:C	3:A:14:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:C	3:A:14:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:C	3:A:14:PCW:N	6	7.47
(1,57)	2:B:185:CYS:C	3:A:14:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:14:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:C	3:A:14:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:C	3:A:14:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:C	3:A:14:PCW:P	6	7.47
(1,57)	2:B:185:CYS:C	3:A:15:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:15:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:C	3:A:15:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:C	3:A:15:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:C	3:A:15:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:C	3:A:15:PCW:N	6	7.47
(1,57)	2:B:185:CYS:C	3:A:15:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:15:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:C	3:A:15:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:C	3:A:15:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:C	3:A:15:PCW:P	6	7.47
(1,57)	2:B:185:CYS:C	3:A:16:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:16:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:C	3:A:16:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:C	3:A:16:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:C	3:A:16:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:C	3:A:16:PCW:N	6	7.47
(1,57)	2:B:185:CYS:C	3:A:16:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:16:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:C	3:A:16:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:C	3:A:16:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:C	3:A:16:PCW:P	6	7.47
(1,57)	2:B:185:CYS:C	3:A:17:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:17:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:C	3:A:17:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:C	3:A:17:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:C	3:A:17:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:C	3:A:17:PCW:N	6	7.47
(1,57)	2:B:185:CYS:C	3:A:17:PCW:O11	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:C	3:A:17:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:C	3:A:17:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:C	3:A:17:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:C	3:A:17:PCW:P	6	7.47
(1,57)	2:B:185:CYS:C	3:A:18:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:18:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:C	3:A:18:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:C	3:A:18:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:C	3:A:18:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:C	3:A:18:PCW:N	6	7.47
(1,57)	2:B:185:CYS:C	3:A:18:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:18:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:C	3:A:18:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:C	3:A:18:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:C	3:A:18:PCW:P	6	7.47
(1,57)	2:B:185:CYS:C	3:A:19:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:19:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:C	3:A:19:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:C	3:A:19:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:C	3:A:19:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:C	3:A:19:PCW:N	6	7.47
(1,57)	2:B:185:CYS:C	3:A:19:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:19:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:C	3:A:19:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:C	3:A:19:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:C	3:A:19:PCW:P	6	7.47
(1,57)	2:B:185:CYS:C	3:A:20:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:20:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:C	3:A:20:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:C	3:A:20:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:C	3:A:20:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:C	3:A:20:PCW:N	6	7.47
(1,57)	2:B:185:CYS:C	3:A:20:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:20:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:C	3:A:20:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:C	3:A:20:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:C	3:A:20:PCW:P	6	7.47
(1,57)	2:B:185:CYS:C	3:A:21:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:21:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:C	3:A:21:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:C	3:A:21:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:C	3:A:21:PCW:C15	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:C	3:A:21:PCW:N	6	7.47
(1,57)	2:B:185:CYS:C	3:A:21:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:21:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:C	3:A:21:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:C	3:A:21:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:C	3:A:21:PCW:P	6	7.47
(1,57)	2:B:185:CYS:C	3:A:22:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:22:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:C	3:A:22:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:C	3:A:22:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:C	3:A:22:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:C	3:A:22:PCW:N	6	7.47
(1,57)	2:B:185:CYS:C	3:A:22:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:22:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:C	3:A:22:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:C	3:A:22:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:C	3:A:22:PCW:P	6	7.47
(1,57)	2:B:185:CYS:C	3:A:23:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:23:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:C	3:A:23:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:C	3:A:23:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:C	3:A:23:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:C	3:A:23:PCW:N	6	7.47
(1,57)	2:B:185:CYS:C	3:A:23:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:23:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:C	3:A:23:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:C	3:A:23:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:C	3:A:23:PCW:P	6	7.47
(1,57)	2:B:185:CYS:C	3:A:24:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:24:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:C	3:A:24:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:C	3:A:24:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:C	3:A:24:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:C	3:A:24:PCW:N	6	7.47
(1,57)	2:B:185:CYS:C	3:A:24:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:24:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:C	3:A:24:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:C	3:A:24:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:C	3:A:24:PCW:P	6	7.47
(1,57)	2:B:185:CYS:C	3:A:25:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:25:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:C	3:A:25:PCW:C13	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:C	3:A:25:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:C	3:A:25:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:C	3:A:25:PCW:N	6	7.47
(1,57)	2:B:185:CYS:C	3:A:25:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:25:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:C	3:A:25:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:C	3:A:25:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:C	3:A:25:PCW:P	6	7.47
(1,57)	2:B:185:CYS:C	3:A:26:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:26:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:C	3:A:26:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:C	3:A:26:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:C	3:A:26:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:C	3:A:26:PCW:N	6	7.47
(1,57)	2:B:185:CYS:C	3:A:26:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:26:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:C	3:A:26:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:C	3:A:26:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:C	3:A:26:PCW:P	6	7.47
(1,57)	2:B:185:CYS:C	3:A:27:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:27:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:C	3:A:27:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:C	3:A:27:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:C	3:A:27:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:C	3:A:27:PCW:N	6	7.47
(1,57)	2:B:185:CYS:C	3:A:27:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:27:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:C	3:A:27:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:C	3:A:27:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:C	3:A:27:PCW:P	6	7.47
(1,57)	2:B:185:CYS:C	3:A:28:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:28:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:C	3:A:28:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:C	3:A:28:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:C	3:A:28:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:C	3:A:28:PCW:N	6	7.47
(1,57)	2:B:185:CYS:C	3:A:28:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:28:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:C	3:A:28:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:C	3:A:28:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:C	3:A:28:PCW:P	6	7.47
(1,57)	2:B:185:CYS:C	3:A:29:PCW:C11	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:C	3:A:29:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:C	3:A:29:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:C	3:A:29:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:C	3:A:29:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:C	3:A:29:PCW:N	6	7.47
(1,57)	2:B:185:CYS:C	3:A:29:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:29:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:C	3:A:29:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:C	3:A:29:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:C	3:A:29:PCW:P	6	7.47
(1,57)	2:B:185:CYS:C	3:A:30:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:30:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:C	3:A:30:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:C	3:A:30:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:C	3:A:30:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:C	3:A:30:PCW:N	6	7.47
(1,57)	2:B:185:CYS:C	3:A:30:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:30:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:C	3:A:30:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:C	3:A:30:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:C	3:A:30:PCW:P	6	7.47
(1,57)	2:B:185:CYS:C	3:A:31:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:31:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:C	3:A:31:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:C	3:A:31:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:C	3:A:31:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:C	3:A:31:PCW:N	6	7.47
(1,57)	2:B:185:CYS:C	3:A:31:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:31:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:C	3:A:31:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:C	3:A:31:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:C	3:A:31:PCW:P	6	7.47
(1,57)	2:B:185:CYS:C	3:A:32:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:32:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:C	3:A:32:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:C	3:A:32:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:C	3:A:32:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:C	3:A:32:PCW:N	6	7.47
(1,57)	2:B:185:CYS:C	3:A:32:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:C	3:A:32:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:C	3:A:32:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:C	3:A:32:PCW:O31	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:C	3:A:32:PCW:P	6	7.47
(1,57)	2:B:185:CYS:C	4:A:33:17F:C7	6	7.47
(1,57)	2:B:185:CYS:C	4:A:33:17F:C8	6	7.47
(1,57)	2:B:185:CYS:C	4:A:33:17F:C9	6	7.47
(1,57)	2:B:185:CYS:C	4:A:33:17F:N1	6	7.47
(1,57)	2:B:185:CYS:C	4:A:33:17F:O10	6	7.47
(1,57)	2:B:185:CYS:C	4:A:33:17F:O4	6	7.47
(1,57)	2:B:185:CYS:C	4:A:33:17F:O5	6	7.47
(1,57)	2:B:185:CYS:C	4:A:33:17F:O7	6	7.47
(1,57)	2:B:185:CYS:C	4:A:33:17F:O9	6	7.47
(1,57)	2:B:185:CYS:C	4:A:33:17F:P1	6	7.47
(1,57)	2:B:185:CYS:C	4:A:34:17F:C7	6	7.47
(1,57)	2:B:185:CYS:C	4:A:34:17F:C8	6	7.47
(1,57)	2:B:185:CYS:C	4:A:34:17F:C9	6	7.47
(1,57)	2:B:185:CYS:C	4:A:34:17F:N1	6	7.47
(1,57)	2:B:185:CYS:C	4:A:34:17F:O10	6	7.47
(1,57)	2:B:185:CYS:C	4:A:34:17F:O4	6	7.47
(1,57)	2:B:185:CYS:C	4:A:34:17F:O5	6	7.47
(1,57)	2:B:185:CYS:C	4:A:34:17F:O7	6	7.47
(1,57)	2:B:185:CYS:C	4:A:34:17F:O9	6	7.47
(1,57)	2:B:185:CYS:C	4:A:34:17F:P1	6	7.47
(1,57)	2:B:185:CYS:C	4:A:35:17F:C7	6	7.47
(1,57)	2:B:185:CYS:C	4:A:35:17F:C8	6	7.47
(1,57)	2:B:185:CYS:C	4:A:35:17F:C9	6	7.47
(1,57)	2:B:185:CYS:C	4:A:35:17F:N1	6	7.47
(1,57)	2:B:185:CYS:C	4:A:35:17F:O10	6	7.47
(1,57)	2:B:185:CYS:C	4:A:35:17F:O4	6	7.47
(1,57)	2:B:185:CYS:C	4:A:35:17F:O5	6	7.47
(1,57)	2:B:185:CYS:C	4:A:35:17F:O7	6	7.47
(1,57)	2:B:185:CYS:C	4:A:35:17F:O9	6	7.47
(1,57)	2:B:185:CYS:C	4:A:35:17F:P1	6	7.47
(1,57)	2:B:185:CYS:C	4:A:36:17F:C7	6	7.47
(1,57)	2:B:185:CYS:C	4:A:36:17F:C8	6	7.47
(1,57)	2:B:185:CYS:C	4:A:36:17F:C9	6	7.47
(1,57)	2:B:185:CYS:C	4:A:36:17F:N1	6	7.47
(1,57)	2:B:185:CYS:C	4:A:36:17F:O10	6	7.47
(1,57)	2:B:185:CYS:C	4:A:36:17F:O4	6	7.47
(1,57)	2:B:185:CYS:C	4:A:36:17F:O5	6	7.47
(1,57)	2:B:185:CYS:C	4:A:36:17F:O7	6	7.47
(1,57)	2:B:185:CYS:C	4:A:36:17F:O9	6	7.47
(1,57)	2:B:185:CYS:C	4:A:36:17F:P1	6	7.47
(1,57)	2:B:185:CYS:C	4:A:37:17F:C7	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:C	4:A:37:17F:C8	6	7.47
(1,57)	2:B:185:CYS:C	4:A:37:17F:C9	6	7.47
(1,57)	2:B:185:CYS:C	4:A:37:17F:N1	6	7.47
(1,57)	2:B:185:CYS:C	4:A:37:17F:O10	6	7.47
(1,57)	2:B:185:CYS:C	4:A:37:17F:O4	6	7.47
(1,57)	2:B:185:CYS:C	4:A:37:17F:O5	6	7.47
(1,57)	2:B:185:CYS:C	4:A:37:17F:O7	6	7.47
(1,57)	2:B:185:CYS:C	4:A:37:17F:O9	6	7.47
(1,57)	2:B:185:CYS:C	4:A:37:17F:P1	6	7.47
(1,57)	2:B:185:CYS:C	4:A:38:17F:C7	6	7.47
(1,57)	2:B:185:CYS:C	4:A:38:17F:C8	6	7.47
(1,57)	2:B:185:CYS:C	4:A:38:17F:C9	6	7.47
(1,57)	2:B:185:CYS:C	4:A:38:17F:N1	6	7.47
(1,57)	2:B:185:CYS:C	4:A:38:17F:O10	6	7.47
(1,57)	2:B:185:CYS:C	4:A:38:17F:O4	6	7.47
(1,57)	2:B:185:CYS:C	4:A:38:17F:O5	6	7.47
(1,57)	2:B:185:CYS:C	4:A:38:17F:O7	6	7.47
(1,57)	2:B:185:CYS:C	4:A:38:17F:O9	6	7.47
(1,57)	2:B:185:CYS:C	4:A:38:17F:P1	6	7.47
(1,57)	2:B:185:CYS:C	4:A:39:17F:C7	6	7.47
(1,57)	2:B:185:CYS:C	4:A:39:17F:C8	6	7.47
(1,57)	2:B:185:CYS:C	4:A:39:17F:C9	6	7.47
(1,57)	2:B:185:CYS:C	4:A:39:17F:N1	6	7.47
(1,57)	2:B:185:CYS:C	4:A:39:17F:O10	6	7.47
(1,57)	2:B:185:CYS:C	4:A:39:17F:O4	6	7.47
(1,57)	2:B:185:CYS:C	4:A:39:17F:O5	6	7.47
(1,57)	2:B:185:CYS:C	4:A:39:17F:O7	6	7.47
(1,57)	2:B:185:CYS:C	4:A:39:17F:O9	6	7.47
(1,57)	2:B:185:CYS:C	4:A:39:17F:P1	6	7.47
(1,57)	2:B:185:CYS:C	4:A:40:17F:C7	6	7.47
(1,57)	2:B:185:CYS:C	4:A:40:17F:C8	6	7.47
(1,57)	2:B:185:CYS:C	4:A:40:17F:C9	6	7.47
(1,57)	2:B:185:CYS:C	4:A:40:17F:N1	6	7.47
(1,57)	2:B:185:CYS:C	4:A:40:17F:O10	6	7.47
(1,57)	2:B:185:CYS:C	4:A:40:17F:O4	6	7.47
(1,57)	2:B:185:CYS:C	4:A:40:17F:O5	6	7.47
(1,57)	2:B:185:CYS:C	4:A:40:17F:O7	6	7.47
(1,57)	2:B:185:CYS:C	4:A:40:17F:O9	6	7.47
(1,57)	2:B:185:CYS:C	4:A:40:17F:P1	6	7.47
(1,57)	2:B:185:CYS:C	2:B:1:MET:N	6	7.47
(1,57)	2:B:185:CYS:C	2:B:2:THR:N	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:1:PCW:C11	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CA	3:A:1:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:1:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:1:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:1:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:1:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:1:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:1:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:1:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:1:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:1:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:2:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:2:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:2:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:2:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:2:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:2:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:2:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:2:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:2:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:2:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:2:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:3:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:3:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:3:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:3:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:3:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:3:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:3:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:3:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:3:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:3:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:3:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:4:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:4:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:4:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:4:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:4:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:4:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:4:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:4:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:4:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:4:PCW:O31	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CA	3:A:4:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:5:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:5:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:5:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:5:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:5:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:5:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:5:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:5:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:5:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:5:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:5:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:6:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:6:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:6:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:6:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:6:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:6:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:6:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:6:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:6:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:6:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:6:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:7:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:7:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:7:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:7:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:7:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:7:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:7:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:7:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:7:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:7:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:7:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:8:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:8:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:8:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:8:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:8:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:8:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:8:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:8:PCW:O2	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CA	3:A:8:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:8:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:8:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:9:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:9:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:9:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:9:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:9:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:9:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:9:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:9:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:9:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:9:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:9:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:10:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:10:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:10:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:10:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:10:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:10:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:10:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:10:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:10:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:10:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:10:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:11:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:11:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:11:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:11:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:11:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:11:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:11:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:11:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:11:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:11:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:11:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:12:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:12:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:12:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:12:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:12:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:12:PCW:N	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CA	3:A:12:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:12:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:12:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:12:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:12:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:13:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:13:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:13:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:13:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:13:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:13:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:13:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:13:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:13:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:13:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:13:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:14:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:14:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:14:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:14:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:14:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:14:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:14:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:14:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:14:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:14:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:14:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:15:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:15:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:15:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:15:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:15:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:15:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:15:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:15:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:15:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:15:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:15:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:16:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:16:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:16:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:16:PCW:C14	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CA	3:A:16:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:16:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:16:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:16:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:16:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:16:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:16:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:17:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:17:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:17:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:17:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:17:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:17:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:17:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:17:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:17:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:17:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:17:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:18:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:18:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:18:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:18:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:18:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:18:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:18:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:18:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:18:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:18:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:18:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:19:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:19:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:19:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:19:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:19:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:19:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:19:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:19:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:19:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:19:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:19:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:20:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:20:PCW:C12	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CA	3:A:20:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:20:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:20:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:20:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:20:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:20:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:20:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:20:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:20:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:21:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:21:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:21:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:21:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:21:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:21:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:21:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:21:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:21:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:21:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:21:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:22:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:22:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:22:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:22:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:22:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:22:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:22:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:22:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:22:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:22:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:22:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:23:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:23:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:23:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:23:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:23:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:23:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:23:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:23:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:23:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:23:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:23:PCW:P	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CA	3:A:24:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:24:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:24:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:24:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:24:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:24:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:24:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:24:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:24:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:24:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:24:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:25:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:25:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:25:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:25:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:25:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:25:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:25:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:25:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:25:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:25:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:25:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:26:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:26:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:26:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:26:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:26:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:26:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:26:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:26:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:26:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:26:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:26:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:27:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:27:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:27:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:27:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:27:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:27:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:27:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:27:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:27:PCW:O3	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CA	3:A:27:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:27:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:28:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:28:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:28:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:28:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:28:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:28:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:28:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:28:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:28:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:28:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:28:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:29:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:29:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:29:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:29:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:29:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:29:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:29:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:29:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:29:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:29:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:29:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:30:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:30:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:30:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:30:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:30:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:30:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:30:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:30:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:30:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:30:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:30:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:31:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:31:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:31:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:31:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:31:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:31:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:31:PCW:O11	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CA	3:A:31:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:31:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:31:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:31:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:32:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:32:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:32:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:32:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:32:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:32:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:32:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:32:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:32:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:32:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CA	3:A:32:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:33:17F:C7	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:33:17F:C8	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:33:17F:C9	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:33:17F:N1	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:33:17F:O10	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:33:17F:O4	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:33:17F:O5	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:33:17F:O7	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:33:17F:O9	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:33:17F:P1	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:34:17F:C7	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:34:17F:C8	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:34:17F:C9	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:34:17F:N1	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:34:17F:O10	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:34:17F:O4	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:34:17F:O5	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:34:17F:O7	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:34:17F:O9	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:34:17F:P1	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:35:17F:C7	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:35:17F:C8	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:35:17F:C9	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:35:17F:N1	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:35:17F:O10	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:35:17F:O4	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:35:17F:O5	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CA	4:A:35:17F:O7	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:35:17F:O9	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:35:17F:P1	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:36:17F:C7	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:36:17F:C8	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:36:17F:C9	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:36:17F:N1	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:36:17F:O10	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:36:17F:O4	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:36:17F:O5	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:36:17F:O7	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:36:17F:O9	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:36:17F:P1	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:37:17F:C7	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:37:17F:C8	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:37:17F:C9	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:37:17F:N1	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:37:17F:O10	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:37:17F:O4	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:37:17F:O5	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:37:17F:O7	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:37:17F:O9	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:37:17F:P1	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:38:17F:C7	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:38:17F:C8	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:38:17F:C9	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:38:17F:N1	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:38:17F:O10	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:38:17F:O4	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:38:17F:O5	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:38:17F:O7	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:38:17F:O9	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:38:17F:P1	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:39:17F:C7	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:39:17F:C8	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:39:17F:C9	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:39:17F:N1	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:39:17F:O10	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:39:17F:O4	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:39:17F:O5	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:39:17F:O7	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:39:17F:O9	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CA	4:A:39:17F:P1	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:40:17F:C7	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:40:17F:C8	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:40:17F:C9	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:40:17F:N1	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:40:17F:O10	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:40:17F:O4	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:40:17F:O5	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:40:17F:O7	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:40:17F:O9	6	7.47
(1,57)	2:B:185:CYS:CA	4:A:40:17F:P1	6	7.47
(1,57)	2:B:185:CYS:CA	2:B:1:MET:N	6	7.47
(1,57)	2:B:185:CYS:CA	2:B:2:THR:N	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:1:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:1:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:1:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:1:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:1:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:1:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:1:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:1:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:1:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:1:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:1:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:2:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:2:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:2:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:2:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:2:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:2:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:2:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:2:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:2:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:2:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:2:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:3:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:3:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:3:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:3:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:3:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:3:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:3:PCW:O11	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CB	3:A:3:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:3:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:3:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:3:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:4:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:4:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:4:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:4:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:4:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:4:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:4:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:4:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:4:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:4:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:4:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:5:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:5:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:5:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:5:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:5:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:5:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:5:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:5:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:5:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:5:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:5:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:6:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:6:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:6:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:6:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:6:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:6:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:6:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:6:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:6:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:6:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:6:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:7:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:7:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:7:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:7:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:7:PCW:C15	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CB	3:A:7:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:7:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:7:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:7:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:7:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:7:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:8:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:8:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:8:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:8:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:8:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:8:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:8:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:8:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:8:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:8:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:8:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:9:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:9:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:9:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:9:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:9:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:9:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:9:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:9:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:9:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:9:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:9:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:10:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:10:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:10:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:10:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:10:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:10:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:10:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:10:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:10:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:10:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:10:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:11:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:11:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:11:PCW:C13	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CB	3:A:11:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:11:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:11:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:11:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:11:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:11:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:11:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:11:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:12:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:12:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:12:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:12:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:12:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:12:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:12:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:12:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:12:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:12:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:12:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:13:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:13:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:13:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:13:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:13:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:13:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:13:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:13:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:13:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:13:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:13:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:14:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:14:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:14:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:14:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:14:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:14:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:14:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:14:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:14:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:14:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:14:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:15:PCW:C11	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CB	3:A:15:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:15:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:15:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:15:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:15:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:15:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:15:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:15:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:15:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:15:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:16:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:16:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:16:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:16:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:16:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:16:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:16:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:16:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:16:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:16:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:16:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:17:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:17:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:17:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:17:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:17:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:17:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:17:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:17:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:17:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:17:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:17:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:18:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:18:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:18:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:18:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:18:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:18:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:18:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:18:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:18:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:18:PCW:O31	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CB	3:A:18:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:19:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:19:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:19:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:19:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:19:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:19:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:19:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:19:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:19:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:19:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:19:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:20:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:20:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:20:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:20:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:20:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:20:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:20:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:20:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:20:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:20:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:20:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:21:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:21:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:21:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:21:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:21:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:21:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:21:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:21:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:21:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:21:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:21:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:22:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:22:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:22:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:22:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:22:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:22:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:22:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:22:PCW:O2	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CB	3:A:22:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:22:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:22:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:23:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:23:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:23:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:23:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:23:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:23:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:23:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:23:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:23:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:23:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:23:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:24:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:24:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:24:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:24:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:24:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:24:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:24:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:24:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:24:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:24:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:24:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:25:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:25:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:25:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:25:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:25:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:25:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:25:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:25:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:25:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:25:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:25:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:26:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:26:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:26:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:26:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:26:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:26:PCW:N	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CB	3:A:26:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:26:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:26:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:26:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:26:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:27:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:27:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:27:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:27:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:27:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:27:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:27:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:27:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:27:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:27:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:27:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:28:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:28:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:28:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:28:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:28:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:28:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:28:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:28:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:28:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:28:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:28:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:29:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:29:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:29:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:29:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:29:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:29:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:29:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:29:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:29:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:29:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:29:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:30:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:30:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:30:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:30:PCW:C14	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CB	3:A:30:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:30:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:30:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:30:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:30:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:30:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:30:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:31:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:31:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:31:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:31:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:31:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:31:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:31:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:31:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:31:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:31:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:31:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:32:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:32:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:32:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:32:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:32:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:32:PCW:N	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:32:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:32:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:32:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:32:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:CB	3:A:32:PCW:P	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:33:17F:C7	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:33:17F:C8	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:33:17F:C9	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:33:17F:N1	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:33:17F:O10	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:33:17F:O4	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:33:17F:O5	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:33:17F:O7	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:33:17F:O9	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:33:17F:P1	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:34:17F:C7	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:34:17F:C8	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:34:17F:C9	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CB	4:A:34:17F:N1	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:34:17F:O10	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:34:17F:O4	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:34:17F:O5	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:34:17F:O7	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:34:17F:O9	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:34:17F:P1	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:35:17F:C7	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:35:17F:C8	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:35:17F:C9	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:35:17F:N1	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:35:17F:O10	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:35:17F:O4	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:35:17F:O5	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:35:17F:O7	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:35:17F:O9	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:35:17F:P1	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:36:17F:C7	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:36:17F:C8	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:36:17F:C9	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:36:17F:N1	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:36:17F:O10	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:36:17F:O4	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:36:17F:O5	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:36:17F:O7	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:36:17F:O9	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:36:17F:P1	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:37:17F:C7	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:37:17F:C8	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:37:17F:C9	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:37:17F:N1	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:37:17F:O10	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:37:17F:O4	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:37:17F:O5	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:37:17F:O7	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:37:17F:O9	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:37:17F:P1	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:38:17F:C7	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:38:17F:C8	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:38:17F:C9	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:38:17F:N1	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:38:17F:O10	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CB	4:A:38:17F:O4	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:38:17F:O5	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:38:17F:O7	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:38:17F:O9	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:38:17F:P1	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:39:17F:C7	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:39:17F:C8	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:39:17F:C9	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:39:17F:N1	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:39:17F:O10	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:39:17F:O4	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:39:17F:O5	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:39:17F:O7	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:39:17F:O9	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:39:17F:P1	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:40:17F:C7	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:40:17F:C8	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:40:17F:C9	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:40:17F:N1	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:40:17F:O10	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:40:17F:O4	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:40:17F:O5	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:40:17F:O7	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:40:17F:O9	6	7.47
(1,57)	2:B:185:CYS:CB	4:A:40:17F:P1	6	7.47
(1,57)	2:B:185:CYS:CB	2:B:1:MET:N	6	7.47
(1,57)	2:B:185:CYS:CB	2:B:2:THR:N	6	7.47
(1,57)	2:B:185:CYS:H	3:A:1:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:1:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:H	3:A:1:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:H	3:A:1:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:H	3:A:1:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:H	3:A:1:PCW:N	6	7.47
(1,57)	2:B:185:CYS:H	3:A:1:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:1:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:H	3:A:1:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:H	3:A:1:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:H	3:A:1:PCW:P	6	7.47
(1,57)	2:B:185:CYS:H	3:A:2:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:2:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:H	3:A:2:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:H	3:A:2:PCW:C14	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:H	3:A:2:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:H	3:A:2:PCW:N	6	7.47
(1,57)	2:B:185:CYS:H	3:A:2:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:2:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:H	3:A:2:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:H	3:A:2:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:H	3:A:2:PCW:P	6	7.47
(1,57)	2:B:185:CYS:H	3:A:3:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:3:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:H	3:A:3:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:H	3:A:3:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:H	3:A:3:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:H	3:A:3:PCW:N	6	7.47
(1,57)	2:B:185:CYS:H	3:A:3:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:3:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:H	3:A:3:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:H	3:A:3:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:H	3:A:3:PCW:P	6	7.47
(1,57)	2:B:185:CYS:H	3:A:4:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:4:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:H	3:A:4:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:H	3:A:4:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:H	3:A:4:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:H	3:A:4:PCW:N	6	7.47
(1,57)	2:B:185:CYS:H	3:A:4:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:4:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:H	3:A:4:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:H	3:A:4:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:H	3:A:4:PCW:P	6	7.47
(1,57)	2:B:185:CYS:H	3:A:5:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:5:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:H	3:A:5:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:H	3:A:5:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:H	3:A:5:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:H	3:A:5:PCW:N	6	7.47
(1,57)	2:B:185:CYS:H	3:A:5:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:5:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:H	3:A:5:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:H	3:A:5:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:H	3:A:5:PCW:P	6	7.47
(1,57)	2:B:185:CYS:H	3:A:6:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:6:PCW:C12	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:H	3:A:6:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:H	3:A:6:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:H	3:A:6:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:H	3:A:6:PCW:N	6	7.47
(1,57)	2:B:185:CYS:H	3:A:6:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:6:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:H	3:A:6:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:H	3:A:6:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:H	3:A:6:PCW:P	6	7.47
(1,57)	2:B:185:CYS:H	3:A:7:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:7:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:H	3:A:7:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:H	3:A:7:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:H	3:A:7:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:H	3:A:7:PCW:N	6	7.47
(1,57)	2:B:185:CYS:H	3:A:7:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:7:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:H	3:A:7:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:H	3:A:7:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:H	3:A:7:PCW:P	6	7.47
(1,57)	2:B:185:CYS:H	3:A:8:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:8:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:H	3:A:8:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:H	3:A:8:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:H	3:A:8:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:H	3:A:8:PCW:N	6	7.47
(1,57)	2:B:185:CYS:H	3:A:8:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:8:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:H	3:A:8:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:H	3:A:8:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:H	3:A:8:PCW:P	6	7.47
(1,57)	2:B:185:CYS:H	3:A:9:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:9:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:H	3:A:9:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:H	3:A:9:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:H	3:A:9:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:H	3:A:9:PCW:N	6	7.47
(1,57)	2:B:185:CYS:H	3:A:9:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:9:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:H	3:A:9:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:H	3:A:9:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:H	3:A:9:PCW:P	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:H	3:A:10:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:10:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:H	3:A:10:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:H	3:A:10:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:H	3:A:10:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:H	3:A:10:PCW:N	6	7.47
(1,57)	2:B:185:CYS:H	3:A:10:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:10:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:H	3:A:10:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:H	3:A:10:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:H	3:A:10:PCW:P	6	7.47
(1,57)	2:B:185:CYS:H	3:A:11:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:11:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:H	3:A:11:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:H	3:A:11:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:H	3:A:11:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:H	3:A:11:PCW:N	6	7.47
(1,57)	2:B:185:CYS:H	3:A:11:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:11:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:H	3:A:11:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:H	3:A:11:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:H	3:A:11:PCW:P	6	7.47
(1,57)	2:B:185:CYS:H	3:A:12:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:12:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:H	3:A:12:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:H	3:A:12:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:H	3:A:12:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:H	3:A:12:PCW:N	6	7.47
(1,57)	2:B:185:CYS:H	3:A:12:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:12:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:H	3:A:12:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:H	3:A:12:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:H	3:A:12:PCW:P	6	7.47
(1,57)	2:B:185:CYS:H	3:A:13:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:13:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:H	3:A:13:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:H	3:A:13:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:H	3:A:13:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:H	3:A:13:PCW:N	6	7.47
(1,57)	2:B:185:CYS:H	3:A:13:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:13:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:H	3:A:13:PCW:O3	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:H	3:A:13:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:H	3:A:13:PCW:P	6	7.47
(1,57)	2:B:185:CYS:H	3:A:14:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:14:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:H	3:A:14:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:H	3:A:14:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:H	3:A:14:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:H	3:A:14:PCW:N	6	7.47
(1,57)	2:B:185:CYS:H	3:A:14:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:14:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:H	3:A:14:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:H	3:A:14:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:H	3:A:14:PCW:P	6	7.47
(1,57)	2:B:185:CYS:H	3:A:15:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:15:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:H	3:A:15:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:H	3:A:15:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:H	3:A:15:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:H	3:A:15:PCW:N	6	7.47
(1,57)	2:B:185:CYS:H	3:A:15:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:15:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:H	3:A:15:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:H	3:A:15:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:H	3:A:15:PCW:P	6	7.47
(1,57)	2:B:185:CYS:H	3:A:16:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:16:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:H	3:A:16:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:H	3:A:16:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:H	3:A:16:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:H	3:A:16:PCW:N	6	7.47
(1,57)	2:B:185:CYS:H	3:A:16:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:16:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:H	3:A:16:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:H	3:A:16:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:H	3:A:16:PCW:P	6	7.47
(1,57)	2:B:185:CYS:H	3:A:17:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:17:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:H	3:A:17:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:H	3:A:17:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:H	3:A:17:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:H	3:A:17:PCW:N	6	7.47
(1,57)	2:B:185:CYS:H	3:A:17:PCW:O11	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:H	3:A:17:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:H	3:A:17:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:H	3:A:17:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:H	3:A:17:PCW:P	6	7.47
(1,57)	2:B:185:CYS:H	3:A:18:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:18:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:H	3:A:18:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:H	3:A:18:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:H	3:A:18:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:H	3:A:18:PCW:N	6	7.47
(1,57)	2:B:185:CYS:H	3:A:18:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:18:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:H	3:A:18:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:H	3:A:18:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:H	3:A:18:PCW:P	6	7.47
(1,57)	2:B:185:CYS:H	3:A:19:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:19:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:H	3:A:19:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:H	3:A:19:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:H	3:A:19:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:H	3:A:19:PCW:N	6	7.47
(1,57)	2:B:185:CYS:H	3:A:19:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:19:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:H	3:A:19:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:H	3:A:19:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:H	3:A:19:PCW:P	6	7.47
(1,57)	2:B:185:CYS:H	3:A:20:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:20:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:H	3:A:20:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:H	3:A:20:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:H	3:A:20:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:H	3:A:20:PCW:N	6	7.47
(1,57)	2:B:185:CYS:H	3:A:20:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:20:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:H	3:A:20:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:H	3:A:20:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:H	3:A:20:PCW:P	6	7.47
(1,57)	2:B:185:CYS:H	3:A:21:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:21:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:H	3:A:21:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:H	3:A:21:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:H	3:A:21:PCW:C15	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:H	3:A:21:PCW:N	6	7.47
(1,57)	2:B:185:CYS:H	3:A:21:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:21:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:H	3:A:21:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:H	3:A:21:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:H	3:A:21:PCW:P	6	7.47
(1,57)	2:B:185:CYS:H	3:A:22:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:22:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:H	3:A:22:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:H	3:A:22:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:H	3:A:22:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:H	3:A:22:PCW:N	6	7.47
(1,57)	2:B:185:CYS:H	3:A:22:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:22:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:H	3:A:22:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:H	3:A:22:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:H	3:A:22:PCW:P	6	7.47
(1,57)	2:B:185:CYS:H	3:A:23:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:23:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:H	3:A:23:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:H	3:A:23:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:H	3:A:23:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:H	3:A:23:PCW:N	6	7.47
(1,57)	2:B:185:CYS:H	3:A:23:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:23:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:H	3:A:23:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:H	3:A:23:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:H	3:A:23:PCW:P	6	7.47
(1,57)	2:B:185:CYS:H	3:A:24:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:24:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:H	3:A:24:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:H	3:A:24:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:H	3:A:24:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:H	3:A:24:PCW:N	6	7.47
(1,57)	2:B:185:CYS:H	3:A:24:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:24:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:H	3:A:24:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:H	3:A:24:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:H	3:A:24:PCW:P	6	7.47
(1,57)	2:B:185:CYS:H	3:A:25:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:25:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:H	3:A:25:PCW:C13	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:H	3:A:25:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:H	3:A:25:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:H	3:A:25:PCW:N	6	7.47
(1,57)	2:B:185:CYS:H	3:A:25:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:25:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:H	3:A:25:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:H	3:A:25:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:H	3:A:25:PCW:P	6	7.47
(1,57)	2:B:185:CYS:H	3:A:26:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:26:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:H	3:A:26:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:H	3:A:26:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:H	3:A:26:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:H	3:A:26:PCW:N	6	7.47
(1,57)	2:B:185:CYS:H	3:A:26:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:26:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:H	3:A:26:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:H	3:A:26:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:H	3:A:26:PCW:P	6	7.47
(1,57)	2:B:185:CYS:H	3:A:27:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:27:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:H	3:A:27:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:H	3:A:27:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:H	3:A:27:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:H	3:A:27:PCW:N	6	7.47
(1,57)	2:B:185:CYS:H	3:A:27:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:27:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:H	3:A:27:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:H	3:A:27:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:H	3:A:27:PCW:P	6	7.47
(1,57)	2:B:185:CYS:H	3:A:28:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:28:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:H	3:A:28:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:H	3:A:28:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:H	3:A:28:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:H	3:A:28:PCW:N	6	7.47
(1,57)	2:B:185:CYS:H	3:A:28:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:28:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:H	3:A:28:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:H	3:A:28:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:H	3:A:28:PCW:P	6	7.47
(1,57)	2:B:185:CYS:H	3:A:29:PCW:C11	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:H	3:A:29:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:H	3:A:29:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:H	3:A:29:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:H	3:A:29:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:H	3:A:29:PCW:N	6	7.47
(1,57)	2:B:185:CYS:H	3:A:29:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:29:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:H	3:A:29:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:H	3:A:29:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:H	3:A:29:PCW:P	6	7.47
(1,57)	2:B:185:CYS:H	3:A:30:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:30:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:H	3:A:30:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:H	3:A:30:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:H	3:A:30:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:H	3:A:30:PCW:N	6	7.47
(1,57)	2:B:185:CYS:H	3:A:30:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:30:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:H	3:A:30:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:H	3:A:30:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:H	3:A:30:PCW:P	6	7.47
(1,57)	2:B:185:CYS:H	3:A:31:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:31:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:H	3:A:31:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:H	3:A:31:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:H	3:A:31:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:H	3:A:31:PCW:N	6	7.47
(1,57)	2:B:185:CYS:H	3:A:31:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:31:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:H	3:A:31:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:H	3:A:31:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:H	3:A:31:PCW:P	6	7.47
(1,57)	2:B:185:CYS:H	3:A:32:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:32:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:H	3:A:32:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:H	3:A:32:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:H	3:A:32:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:H	3:A:32:PCW:N	6	7.47
(1,57)	2:B:185:CYS:H	3:A:32:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:H	3:A:32:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:H	3:A:32:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:H	3:A:32:PCW:O31	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:H	3:A:32:PCW:P	6	7.47
(1,57)	2:B:185:CYS:H	4:A:33:17F:C7	6	7.47
(1,57)	2:B:185:CYS:H	4:A:33:17F:C8	6	7.47
(1,57)	2:B:185:CYS:H	4:A:33:17F:C9	6	7.47
(1,57)	2:B:185:CYS:H	4:A:33:17F:N1	6	7.47
(1,57)	2:B:185:CYS:H	4:A:33:17F:O10	6	7.47
(1,57)	2:B:185:CYS:H	4:A:33:17F:O4	6	7.47
(1,57)	2:B:185:CYS:H	4:A:33:17F:O5	6	7.47
(1,57)	2:B:185:CYS:H	4:A:33:17F:O7	6	7.47
(1,57)	2:B:185:CYS:H	4:A:33:17F:O9	6	7.47
(1,57)	2:B:185:CYS:H	4:A:33:17F:P1	6	7.47
(1,57)	2:B:185:CYS:H	4:A:34:17F:C7	6	7.47
(1,57)	2:B:185:CYS:H	4:A:34:17F:C8	6	7.47
(1,57)	2:B:185:CYS:H	4:A:34:17F:C9	6	7.47
(1,57)	2:B:185:CYS:H	4:A:34:17F:N1	6	7.47
(1,57)	2:B:185:CYS:H	4:A:34:17F:O10	6	7.47
(1,57)	2:B:185:CYS:H	4:A:34:17F:O4	6	7.47
(1,57)	2:B:185:CYS:H	4:A:34:17F:O5	6	7.47
(1,57)	2:B:185:CYS:H	4:A:34:17F:O7	6	7.47
(1,57)	2:B:185:CYS:H	4:A:34:17F:O9	6	7.47
(1,57)	2:B:185:CYS:H	4:A:34:17F:P1	6	7.47
(1,57)	2:B:185:CYS:H	4:A:35:17F:C7	6	7.47
(1,57)	2:B:185:CYS:H	4:A:35:17F:C8	6	7.47
(1,57)	2:B:185:CYS:H	4:A:35:17F:C9	6	7.47
(1,57)	2:B:185:CYS:H	4:A:35:17F:N1	6	7.47
(1,57)	2:B:185:CYS:H	4:A:35:17F:O10	6	7.47
(1,57)	2:B:185:CYS:H	4:A:35:17F:O4	6	7.47
(1,57)	2:B:185:CYS:H	4:A:35:17F:O5	6	7.47
(1,57)	2:B:185:CYS:H	4:A:35:17F:O7	6	7.47
(1,57)	2:B:185:CYS:H	4:A:35:17F:O9	6	7.47
(1,57)	2:B:185:CYS:H	4:A:35:17F:P1	6	7.47
(1,57)	2:B:185:CYS:H	4:A:36:17F:C7	6	7.47
(1,57)	2:B:185:CYS:H	4:A:36:17F:C8	6	7.47
(1,57)	2:B:185:CYS:H	4:A:36:17F:C9	6	7.47
(1,57)	2:B:185:CYS:H	4:A:36:17F:N1	6	7.47
(1,57)	2:B:185:CYS:H	4:A:36:17F:O10	6	7.47
(1,57)	2:B:185:CYS:H	4:A:36:17F:O4	6	7.47
(1,57)	2:B:185:CYS:H	4:A:36:17F:O5	6	7.47
(1,57)	2:B:185:CYS:H	4:A:36:17F:O7	6	7.47
(1,57)	2:B:185:CYS:H	4:A:36:17F:O9	6	7.47
(1,57)	2:B:185:CYS:H	4:A:36:17F:P1	6	7.47
(1,57)	2:B:185:CYS:H	4:A:37:17F:C7	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:H	4:A:37:17F:C8	6	7.47
(1,57)	2:B:185:CYS:H	4:A:37:17F:C9	6	7.47
(1,57)	2:B:185:CYS:H	4:A:37:17F:N1	6	7.47
(1,57)	2:B:185:CYS:H	4:A:37:17F:O10	6	7.47
(1,57)	2:B:185:CYS:H	4:A:37:17F:O4	6	7.47
(1,57)	2:B:185:CYS:H	4:A:37:17F:O5	6	7.47
(1,57)	2:B:185:CYS:H	4:A:37:17F:O7	6	7.47
(1,57)	2:B:185:CYS:H	4:A:37:17F:O9	6	7.47
(1,57)	2:B:185:CYS:H	4:A:37:17F:P1	6	7.47
(1,57)	2:B:185:CYS:H	4:A:38:17F:C7	6	7.47
(1,57)	2:B:185:CYS:H	4:A:38:17F:C8	6	7.47
(1,57)	2:B:185:CYS:H	4:A:38:17F:C9	6	7.47
(1,57)	2:B:185:CYS:H	4:A:38:17F:N1	6	7.47
(1,57)	2:B:185:CYS:H	4:A:38:17F:O10	6	7.47
(1,57)	2:B:185:CYS:H	4:A:38:17F:O4	6	7.47
(1,57)	2:B:185:CYS:H	4:A:38:17F:O5	6	7.47
(1,57)	2:B:185:CYS:H	4:A:38:17F:O7	6	7.47
(1,57)	2:B:185:CYS:H	4:A:38:17F:O9	6	7.47
(1,57)	2:B:185:CYS:H	4:A:38:17F:P1	6	7.47
(1,57)	2:B:185:CYS:H	4:A:39:17F:C7	6	7.47
(1,57)	2:B:185:CYS:H	4:A:39:17F:C8	6	7.47
(1,57)	2:B:185:CYS:H	4:A:39:17F:C9	6	7.47
(1,57)	2:B:185:CYS:H	4:A:39:17F:N1	6	7.47
(1,57)	2:B:185:CYS:H	4:A:39:17F:O10	6	7.47
(1,57)	2:B:185:CYS:H	4:A:39:17F:O4	6	7.47
(1,57)	2:B:185:CYS:H	4:A:39:17F:O5	6	7.47
(1,57)	2:B:185:CYS:H	4:A:39:17F:O7	6	7.47
(1,57)	2:B:185:CYS:H	4:A:39:17F:O9	6	7.47
(1,57)	2:B:185:CYS:H	4:A:39:17F:P1	6	7.47
(1,57)	2:B:185:CYS:H	4:A:40:17F:C7	6	7.47
(1,57)	2:B:185:CYS:H	4:A:40:17F:C8	6	7.47
(1,57)	2:B:185:CYS:H	4:A:40:17F:C9	6	7.47
(1,57)	2:B:185:CYS:H	4:A:40:17F:N1	6	7.47
(1,57)	2:B:185:CYS:H	4:A:40:17F:O10	6	7.47
(1,57)	2:B:185:CYS:H	4:A:40:17F:O4	6	7.47
(1,57)	2:B:185:CYS:H	4:A:40:17F:O5	6	7.47
(1,57)	2:B:185:CYS:H	4:A:40:17F:O7	6	7.47
(1,57)	2:B:185:CYS:H	4:A:40:17F:O9	6	7.47
(1,57)	2:B:185:CYS:H	4:A:40:17F:P1	6	7.47
(1,57)	2:B:185:CYS:H	2:B:1:MET:N	6	7.47
(1,57)	2:B:185:CYS:H	2:B:2:THR:N	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:1:PCW:C11	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:HG	3:A:1:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:1:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:1:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:1:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:1:PCW:N	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:1:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:1:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:1:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:1:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:1:PCW:P	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:2:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:2:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:2:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:2:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:2:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:2:PCW:N	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:2:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:2:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:2:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:2:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:2:PCW:P	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:3:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:3:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:3:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:3:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:3:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:3:PCW:N	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:3:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:3:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:3:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:3:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:3:PCW:P	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:4:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:4:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:4:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:4:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:4:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:4:PCW:N	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:4:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:4:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:4:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:4:PCW:O31	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:HG	3:A:4:PCW:P	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:5:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:5:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:5:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:5:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:5:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:5:PCW:N	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:5:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:5:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:5:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:5:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:5:PCW:P	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:6:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:6:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:6:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:6:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:6:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:6:PCW:N	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:6:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:6:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:6:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:6:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:6:PCW:P	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:7:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:7:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:7:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:7:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:7:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:7:PCW:N	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:7:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:7:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:7:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:7:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:7:PCW:P	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:8:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:8:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:8:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:8:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:8:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:8:PCW:N	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:8:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:8:PCW:O2	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:HG	3:A:8:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:8:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:8:PCW:P	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:9:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:9:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:9:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:9:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:9:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:9:PCW:N	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:9:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:9:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:9:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:9:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:9:PCW:P	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:10:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:10:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:10:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:10:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:10:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:10:PCW:N	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:10:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:10:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:10:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:10:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:10:PCW:P	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:11:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:11:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:11:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:11:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:11:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:11:PCW:N	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:11:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:11:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:11:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:11:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:11:PCW:P	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:12:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:12:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:12:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:12:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:12:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:12:PCW:N	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:HG	3:A:12:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:12:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:12:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:12:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:12:PCW:P	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:13:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:13:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:13:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:13:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:13:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:13:PCW:N	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:13:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:13:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:13:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:13:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:13:PCW:P	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:14:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:14:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:14:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:14:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:14:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:14:PCW:N	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:14:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:14:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:14:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:14:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:14:PCW:P	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:15:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:15:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:15:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:15:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:15:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:15:PCW:N	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:15:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:15:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:15:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:15:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:15:PCW:P	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:16:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:16:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:16:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:16:PCW:C14	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:HG	3:A:16:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:16:PCW:N	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:16:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:16:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:16:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:16:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:16:PCW:P	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:17:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:17:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:17:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:17:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:17:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:17:PCW:N	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:17:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:17:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:17:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:17:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:17:PCW:P	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:18:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:18:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:18:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:18:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:18:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:18:PCW:N	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:18:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:18:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:18:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:18:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:18:PCW:P	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:19:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:19:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:19:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:19:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:19:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:19:PCW:N	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:19:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:19:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:19:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:19:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:19:PCW:P	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:20:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:20:PCW:C12	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:HG	3:A:20:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:20:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:20:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:20:PCW:N	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:20:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:20:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:20:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:20:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:20:PCW:P	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:21:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:21:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:21:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:21:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:21:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:21:PCW:N	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:21:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:21:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:21:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:21:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:21:PCW:P	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:22:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:22:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:22:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:22:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:22:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:22:PCW:N	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:22:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:22:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:22:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:22:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:22:PCW:P	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:23:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:23:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:23:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:23:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:23:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:23:PCW:N	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:23:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:23:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:23:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:23:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:23:PCW:P	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:HG	3:A:24:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:24:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:24:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:24:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:24:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:24:PCW:N	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:24:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:24:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:24:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:24:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:24:PCW:P	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:25:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:25:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:25:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:25:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:25:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:25:PCW:N	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:25:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:25:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:25:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:25:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:25:PCW:P	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:26:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:26:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:26:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:26:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:26:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:26:PCW:N	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:26:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:26:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:26:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:26:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:26:PCW:P	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:27:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:27:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:27:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:27:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:27:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:27:PCW:N	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:27:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:27:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:27:PCW:O3	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:HG	3:A:27:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:27:PCW:P	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:28:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:28:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:28:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:28:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:28:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:28:PCW:N	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:28:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:28:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:28:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:28:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:28:PCW:P	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:29:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:29:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:29:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:29:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:29:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:29:PCW:N	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:29:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:29:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:29:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:29:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:29:PCW:P	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:30:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:30:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:30:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:30:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:30:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:30:PCW:N	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:30:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:30:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:30:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:30:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:30:PCW:P	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:31:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:31:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:31:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:31:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:31:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:31:PCW:N	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:31:PCW:O11	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:HG	3:A:31:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:31:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:31:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:31:PCW:P	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:32:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:32:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:32:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:32:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:32:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:32:PCW:N	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:32:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:32:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:32:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:32:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:HG	3:A:32:PCW:P	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:33:17F:C7	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:33:17F:C8	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:33:17F:C9	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:33:17F:N1	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:33:17F:O10	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:33:17F:O4	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:33:17F:O5	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:33:17F:O7	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:33:17F:O9	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:33:17F:P1	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:34:17F:C7	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:34:17F:C8	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:34:17F:C9	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:34:17F:N1	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:34:17F:O10	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:34:17F:O4	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:34:17F:O5	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:34:17F:O7	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:34:17F:O9	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:34:17F:P1	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:35:17F:C7	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:35:17F:C8	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:35:17F:C9	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:35:17F:N1	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:35:17F:O10	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:35:17F:O4	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:35:17F:O5	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:HG	4:A:35:17F:O7	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:35:17F:O9	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:35:17F:P1	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:36:17F:C7	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:36:17F:C8	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:36:17F:C9	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:36:17F:N1	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:36:17F:O10	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:36:17F:O4	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:36:17F:O5	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:36:17F:O7	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:36:17F:O9	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:36:17F:P1	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:37:17F:C7	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:37:17F:C8	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:37:17F:C9	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:37:17F:N1	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:37:17F:O10	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:37:17F:O4	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:37:17F:O5	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:37:17F:O7	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:37:17F:O9	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:37:17F:P1	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:38:17F:C7	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:38:17F:C8	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:38:17F:C9	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:38:17F:N1	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:38:17F:O10	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:38:17F:O4	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:38:17F:O5	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:38:17F:O7	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:38:17F:O9	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:38:17F:P1	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:39:17F:C7	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:39:17F:C8	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:39:17F:C9	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:39:17F:N1	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:39:17F:O10	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:39:17F:O4	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:39:17F:O5	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:39:17F:O7	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:39:17F:O9	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:HG	4:A:39:17F:P1	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:40:17F:C7	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:40:17F:C8	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:40:17F:C9	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:40:17F:N1	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:40:17F:O10	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:40:17F:O4	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:40:17F:O5	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:40:17F:O7	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:40:17F:O9	6	7.47
(1,57)	2:B:185:CYS:HG	4:A:40:17F:P1	6	7.47
(1,57)	2:B:185:CYS:HG	2:B:1:MET:N	6	7.47
(1,57)	2:B:185:CYS:HG	2:B:2:THR:N	6	7.47
(1,57)	2:B:185:CYS:N	3:A:1:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:1:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:N	3:A:1:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:N	3:A:1:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:N	3:A:1:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:N	3:A:1:PCW:N	6	7.47
(1,57)	2:B:185:CYS:N	3:A:1:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:1:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:N	3:A:1:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:N	3:A:1:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:N	3:A:1:PCW:P	6	7.47
(1,57)	2:B:185:CYS:N	3:A:2:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:2:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:N	3:A:2:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:N	3:A:2:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:N	3:A:2:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:N	3:A:2:PCW:N	6	7.47
(1,57)	2:B:185:CYS:N	3:A:2:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:2:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:N	3:A:2:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:N	3:A:2:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:N	3:A:2:PCW:P	6	7.47
(1,57)	2:B:185:CYS:N	3:A:3:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:3:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:N	3:A:3:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:N	3:A:3:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:N	3:A:3:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:N	3:A:3:PCW:N	6	7.47
(1,57)	2:B:185:CYS:N	3:A:3:PCW:O11	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:N	3:A:3:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:N	3:A:3:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:N	3:A:3:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:N	3:A:3:PCW:P	6	7.47
(1,57)	2:B:185:CYS:N	3:A:4:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:4:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:N	3:A:4:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:N	3:A:4:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:N	3:A:4:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:N	3:A:4:PCW:N	6	7.47
(1,57)	2:B:185:CYS:N	3:A:4:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:4:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:N	3:A:4:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:N	3:A:4:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:N	3:A:4:PCW:P	6	7.47
(1,57)	2:B:185:CYS:N	3:A:5:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:5:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:N	3:A:5:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:N	3:A:5:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:N	3:A:5:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:N	3:A:5:PCW:N	6	7.47
(1,57)	2:B:185:CYS:N	3:A:5:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:5:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:N	3:A:5:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:N	3:A:5:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:N	3:A:5:PCW:P	6	7.47
(1,57)	2:B:185:CYS:N	3:A:6:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:6:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:N	3:A:6:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:N	3:A:6:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:N	3:A:6:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:N	3:A:6:PCW:N	6	7.47
(1,57)	2:B:185:CYS:N	3:A:6:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:6:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:N	3:A:6:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:N	3:A:6:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:N	3:A:6:PCW:P	6	7.47
(1,57)	2:B:185:CYS:N	3:A:7:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:7:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:N	3:A:7:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:N	3:A:7:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:N	3:A:7:PCW:C15	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:N	3:A:7:PCW:N	6	7.47
(1,57)	2:B:185:CYS:N	3:A:7:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:7:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:N	3:A:7:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:N	3:A:7:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:N	3:A:7:PCW:P	6	7.47
(1,57)	2:B:185:CYS:N	3:A:8:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:8:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:N	3:A:8:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:N	3:A:8:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:N	3:A:8:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:N	3:A:8:PCW:N	6	7.47
(1,57)	2:B:185:CYS:N	3:A:8:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:8:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:N	3:A:8:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:N	3:A:8:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:N	3:A:8:PCW:P	6	7.47
(1,57)	2:B:185:CYS:N	3:A:9:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:9:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:N	3:A:9:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:N	3:A:9:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:N	3:A:9:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:N	3:A:9:PCW:N	6	7.47
(1,57)	2:B:185:CYS:N	3:A:9:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:9:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:N	3:A:9:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:N	3:A:9:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:N	3:A:9:PCW:P	6	7.47
(1,57)	2:B:185:CYS:N	3:A:10:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:10:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:N	3:A:10:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:N	3:A:10:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:N	3:A:10:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:N	3:A:10:PCW:N	6	7.47
(1,57)	2:B:185:CYS:N	3:A:10:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:10:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:N	3:A:10:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:N	3:A:10:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:N	3:A:10:PCW:P	6	7.47
(1,57)	2:B:185:CYS:N	3:A:11:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:11:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:N	3:A:11:PCW:C13	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:N	3:A:11:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:N	3:A:11:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:N	3:A:11:PCW:N	6	7.47
(1,57)	2:B:185:CYS:N	3:A:11:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:11:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:N	3:A:11:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:N	3:A:11:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:N	3:A:11:PCW:P	6	7.47
(1,57)	2:B:185:CYS:N	3:A:12:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:12:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:N	3:A:12:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:N	3:A:12:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:N	3:A:12:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:N	3:A:12:PCW:N	6	7.47
(1,57)	2:B:185:CYS:N	3:A:12:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:12:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:N	3:A:12:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:N	3:A:12:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:N	3:A:12:PCW:P	6	7.47
(1,57)	2:B:185:CYS:N	3:A:13:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:13:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:N	3:A:13:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:N	3:A:13:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:N	3:A:13:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:N	3:A:13:PCW:N	6	7.47
(1,57)	2:B:185:CYS:N	3:A:13:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:13:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:N	3:A:13:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:N	3:A:13:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:N	3:A:13:PCW:P	6	7.47
(1,57)	2:B:185:CYS:N	3:A:14:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:14:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:N	3:A:14:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:N	3:A:14:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:N	3:A:14:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:N	3:A:14:PCW:N	6	7.47
(1,57)	2:B:185:CYS:N	3:A:14:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:14:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:N	3:A:14:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:N	3:A:14:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:N	3:A:14:PCW:P	6	7.47
(1,57)	2:B:185:CYS:N	3:A:15:PCW:C11	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:N	3:A:15:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:N	3:A:15:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:N	3:A:15:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:N	3:A:15:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:N	3:A:15:PCW:N	6	7.47
(1,57)	2:B:185:CYS:N	3:A:15:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:15:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:N	3:A:15:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:N	3:A:15:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:N	3:A:15:PCW:P	6	7.47
(1,57)	2:B:185:CYS:N	3:A:16:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:16:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:N	3:A:16:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:N	3:A:16:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:N	3:A:16:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:N	3:A:16:PCW:N	6	7.47
(1,57)	2:B:185:CYS:N	3:A:16:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:16:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:N	3:A:16:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:N	3:A:16:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:N	3:A:16:PCW:P	6	7.47
(1,57)	2:B:185:CYS:N	3:A:17:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:17:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:N	3:A:17:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:N	3:A:17:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:N	3:A:17:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:N	3:A:17:PCW:N	6	7.47
(1,57)	2:B:185:CYS:N	3:A:17:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:17:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:N	3:A:17:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:N	3:A:17:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:N	3:A:17:PCW:P	6	7.47
(1,57)	2:B:185:CYS:N	3:A:18:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:18:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:N	3:A:18:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:N	3:A:18:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:N	3:A:18:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:N	3:A:18:PCW:N	6	7.47
(1,57)	2:B:185:CYS:N	3:A:18:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:18:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:N	3:A:18:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:N	3:A:18:PCW:O31	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:N	3:A:18:PCW:P	6	7.47
(1,57)	2:B:185:CYS:N	3:A:19:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:19:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:N	3:A:19:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:N	3:A:19:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:N	3:A:19:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:N	3:A:19:PCW:N	6	7.47
(1,57)	2:B:185:CYS:N	3:A:19:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:19:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:N	3:A:19:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:N	3:A:19:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:N	3:A:19:PCW:P	6	7.47
(1,57)	2:B:185:CYS:N	3:A:20:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:20:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:N	3:A:20:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:N	3:A:20:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:N	3:A:20:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:N	3:A:20:PCW:N	6	7.47
(1,57)	2:B:185:CYS:N	3:A:20:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:20:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:N	3:A:20:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:N	3:A:20:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:N	3:A:20:PCW:P	6	7.47
(1,57)	2:B:185:CYS:N	3:A:21:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:21:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:N	3:A:21:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:N	3:A:21:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:N	3:A:21:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:N	3:A:21:PCW:N	6	7.47
(1,57)	2:B:185:CYS:N	3:A:21:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:21:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:N	3:A:21:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:N	3:A:21:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:N	3:A:21:PCW:P	6	7.47
(1,57)	2:B:185:CYS:N	3:A:22:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:22:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:N	3:A:22:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:N	3:A:22:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:N	3:A:22:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:N	3:A:22:PCW:N	6	7.47
(1,57)	2:B:185:CYS:N	3:A:22:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:22:PCW:O2	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:N	3:A:22:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:N	3:A:22:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:N	3:A:22:PCW:P	6	7.47
(1,57)	2:B:185:CYS:N	3:A:23:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:23:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:N	3:A:23:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:N	3:A:23:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:N	3:A:23:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:N	3:A:23:PCW:N	6	7.47
(1,57)	2:B:185:CYS:N	3:A:23:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:23:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:N	3:A:23:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:N	3:A:23:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:N	3:A:23:PCW:P	6	7.47
(1,57)	2:B:185:CYS:N	3:A:24:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:24:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:N	3:A:24:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:N	3:A:24:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:N	3:A:24:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:N	3:A:24:PCW:N	6	7.47
(1,57)	2:B:185:CYS:N	3:A:24:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:24:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:N	3:A:24:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:N	3:A:24:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:N	3:A:24:PCW:P	6	7.47
(1,57)	2:B:185:CYS:N	3:A:25:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:25:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:N	3:A:25:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:N	3:A:25:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:N	3:A:25:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:N	3:A:25:PCW:N	6	7.47
(1,57)	2:B:185:CYS:N	3:A:25:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:25:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:N	3:A:25:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:N	3:A:25:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:N	3:A:25:PCW:P	6	7.47
(1,57)	2:B:185:CYS:N	3:A:26:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:26:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:N	3:A:26:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:N	3:A:26:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:N	3:A:26:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:N	3:A:26:PCW:N	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:N	3:A:26:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:26:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:N	3:A:26:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:N	3:A:26:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:N	3:A:26:PCW:P	6	7.47
(1,57)	2:B:185:CYS:N	3:A:27:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:27:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:N	3:A:27:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:N	3:A:27:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:N	3:A:27:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:N	3:A:27:PCW:N	6	7.47
(1,57)	2:B:185:CYS:N	3:A:27:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:27:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:N	3:A:27:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:N	3:A:27:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:N	3:A:27:PCW:P	6	7.47
(1,57)	2:B:185:CYS:N	3:A:28:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:28:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:N	3:A:28:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:N	3:A:28:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:N	3:A:28:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:N	3:A:28:PCW:N	6	7.47
(1,57)	2:B:185:CYS:N	3:A:28:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:28:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:N	3:A:28:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:N	3:A:28:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:N	3:A:28:PCW:P	6	7.47
(1,57)	2:B:185:CYS:N	3:A:29:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:29:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:N	3:A:29:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:N	3:A:29:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:N	3:A:29:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:N	3:A:29:PCW:N	6	7.47
(1,57)	2:B:185:CYS:N	3:A:29:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:29:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:N	3:A:29:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:N	3:A:29:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:N	3:A:29:PCW:P	6	7.47
(1,57)	2:B:185:CYS:N	3:A:30:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:30:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:N	3:A:30:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:N	3:A:30:PCW:C14	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:N	3:A:30:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:N	3:A:30:PCW:N	6	7.47
(1,57)	2:B:185:CYS:N	3:A:30:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:30:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:N	3:A:30:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:N	3:A:30:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:N	3:A:30:PCW:P	6	7.47
(1,57)	2:B:185:CYS:N	3:A:31:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:31:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:N	3:A:31:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:N	3:A:31:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:N	3:A:31:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:N	3:A:31:PCW:N	6	7.47
(1,57)	2:B:185:CYS:N	3:A:31:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:31:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:N	3:A:31:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:N	3:A:31:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:N	3:A:31:PCW:P	6	7.47
(1,57)	2:B:185:CYS:N	3:A:32:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:32:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:N	3:A:32:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:N	3:A:32:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:N	3:A:32:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:N	3:A:32:PCW:N	6	7.47
(1,57)	2:B:185:CYS:N	3:A:32:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:N	3:A:32:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:N	3:A:32:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:N	3:A:32:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:N	3:A:32:PCW:P	6	7.47
(1,57)	2:B:185:CYS:N	4:A:33:17F:C7	6	7.47
(1,57)	2:B:185:CYS:N	4:A:33:17F:C8	6	7.47
(1,57)	2:B:185:CYS:N	4:A:33:17F:C9	6	7.47
(1,57)	2:B:185:CYS:N	4:A:33:17F:N1	6	7.47
(1,57)	2:B:185:CYS:N	4:A:33:17F:O10	6	7.47
(1,57)	2:B:185:CYS:N	4:A:33:17F:O4	6	7.47
(1,57)	2:B:185:CYS:N	4:A:33:17F:O5	6	7.47
(1,57)	2:B:185:CYS:N	4:A:33:17F:O7	6	7.47
(1,57)	2:B:185:CYS:N	4:A:33:17F:O9	6	7.47
(1,57)	2:B:185:CYS:N	4:A:33:17F:P1	6	7.47
(1,57)	2:B:185:CYS:N	4:A:34:17F:C7	6	7.47
(1,57)	2:B:185:CYS:N	4:A:34:17F:C8	6	7.47
(1,57)	2:B:185:CYS:N	4:A:34:17F:C9	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:N	4:A:34:17F:N1	6	7.47
(1,57)	2:B:185:CYS:N	4:A:34:17F:O10	6	7.47
(1,57)	2:B:185:CYS:N	4:A:34:17F:O4	6	7.47
(1,57)	2:B:185:CYS:N	4:A:34:17F:O5	6	7.47
(1,57)	2:B:185:CYS:N	4:A:34:17F:O7	6	7.47
(1,57)	2:B:185:CYS:N	4:A:34:17F:O9	6	7.47
(1,57)	2:B:185:CYS:N	4:A:34:17F:P1	6	7.47
(1,57)	2:B:185:CYS:N	4:A:35:17F:C7	6	7.47
(1,57)	2:B:185:CYS:N	4:A:35:17F:C8	6	7.47
(1,57)	2:B:185:CYS:N	4:A:35:17F:C9	6	7.47
(1,57)	2:B:185:CYS:N	4:A:35:17F:N1	6	7.47
(1,57)	2:B:185:CYS:N	4:A:35:17F:O10	6	7.47
(1,57)	2:B:185:CYS:N	4:A:35:17F:O4	6	7.47
(1,57)	2:B:185:CYS:N	4:A:35:17F:O5	6	7.47
(1,57)	2:B:185:CYS:N	4:A:35:17F:O7	6	7.47
(1,57)	2:B:185:CYS:N	4:A:35:17F:O9	6	7.47
(1,57)	2:B:185:CYS:N	4:A:35:17F:P1	6	7.47
(1,57)	2:B:185:CYS:N	4:A:36:17F:C7	6	7.47
(1,57)	2:B:185:CYS:N	4:A:36:17F:C8	6	7.47
(1,57)	2:B:185:CYS:N	4:A:36:17F:C9	6	7.47
(1,57)	2:B:185:CYS:N	4:A:36:17F:N1	6	7.47
(1,57)	2:B:185:CYS:N	4:A:36:17F:O10	6	7.47
(1,57)	2:B:185:CYS:N	4:A:36:17F:O4	6	7.47
(1,57)	2:B:185:CYS:N	4:A:36:17F:O5	6	7.47
(1,57)	2:B:185:CYS:N	4:A:36:17F:O7	6	7.47
(1,57)	2:B:185:CYS:N	4:A:36:17F:O9	6	7.47
(1,57)	2:B:185:CYS:N	4:A:36:17F:P1	6	7.47
(1,57)	2:B:185:CYS:N	4:A:37:17F:C7	6	7.47
(1,57)	2:B:185:CYS:N	4:A:37:17F:C8	6	7.47
(1,57)	2:B:185:CYS:N	4:A:37:17F:C9	6	7.47
(1,57)	2:B:185:CYS:N	4:A:37:17F:N1	6	7.47
(1,57)	2:B:185:CYS:N	4:A:37:17F:O10	6	7.47
(1,57)	2:B:185:CYS:N	4:A:37:17F:O4	6	7.47
(1,57)	2:B:185:CYS:N	4:A:37:17F:O5	6	7.47
(1,57)	2:B:185:CYS:N	4:A:37:17F:O7	6	7.47
(1,57)	2:B:185:CYS:N	4:A:37:17F:O9	6	7.47
(1,57)	2:B:185:CYS:N	4:A:37:17F:P1	6	7.47
(1,57)	2:B:185:CYS:N	4:A:38:17F:C7	6	7.47
(1,57)	2:B:185:CYS:N	4:A:38:17F:C8	6	7.47
(1,57)	2:B:185:CYS:N	4:A:38:17F:C9	6	7.47
(1,57)	2:B:185:CYS:N	4:A:38:17F:N1	6	7.47
(1,57)	2:B:185:CYS:N	4:A:38:17F:O10	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:N	4:A:38:17F:O4	6	7.47
(1,57)	2:B:185:CYS:N	4:A:38:17F:O5	6	7.47
(1,57)	2:B:185:CYS:N	4:A:38:17F:O7	6	7.47
(1,57)	2:B:185:CYS:N	4:A:38:17F:O9	6	7.47
(1,57)	2:B:185:CYS:N	4:A:38:17F:P1	6	7.47
(1,57)	2:B:185:CYS:N	4:A:39:17F:C7	6	7.47
(1,57)	2:B:185:CYS:N	4:A:39:17F:C8	6	7.47
(1,57)	2:B:185:CYS:N	4:A:39:17F:C9	6	7.47
(1,57)	2:B:185:CYS:N	4:A:39:17F:N1	6	7.47
(1,57)	2:B:185:CYS:N	4:A:39:17F:O10	6	7.47
(1,57)	2:B:185:CYS:N	4:A:39:17F:O4	6	7.47
(1,57)	2:B:185:CYS:N	4:A:39:17F:O5	6	7.47
(1,57)	2:B:185:CYS:N	4:A:39:17F:O7	6	7.47
(1,57)	2:B:185:CYS:N	4:A:39:17F:O9	6	7.47
(1,57)	2:B:185:CYS:N	4:A:39:17F:P1	6	7.47
(1,57)	2:B:185:CYS:N	4:A:40:17F:C7	6	7.47
(1,57)	2:B:185:CYS:N	4:A:40:17F:C8	6	7.47
(1,57)	2:B:185:CYS:N	4:A:40:17F:C9	6	7.47
(1,57)	2:B:185:CYS:N	4:A:40:17F:N1	6	7.47
(1,57)	2:B:185:CYS:N	4:A:40:17F:O10	6	7.47
(1,57)	2:B:185:CYS:N	4:A:40:17F:O4	6	7.47
(1,57)	2:B:185:CYS:N	4:A:40:17F:O5	6	7.47
(1,57)	2:B:185:CYS:N	4:A:40:17F:O7	6	7.47
(1,57)	2:B:185:CYS:N	4:A:40:17F:O9	6	7.47
(1,57)	2:B:185:CYS:N	4:A:40:17F:P1	6	7.47
(1,57)	2:B:185:CYS:N	2:B:1:MET:N	6	7.47
(1,57)	2:B:185:CYS:N	2:B:2:THR:N	6	7.47
(1,57)	2:B:185:CYS:O	3:A:1:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:1:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:O	3:A:1:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:O	3:A:1:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:O	3:A:1:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:O	3:A:1:PCW:N	6	7.47
(1,57)	2:B:185:CYS:O	3:A:1:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:1:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:O	3:A:1:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:O	3:A:1:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:O	3:A:1:PCW:P	6	7.47
(1,57)	2:B:185:CYS:O	3:A:2:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:2:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:O	3:A:2:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:O	3:A:2:PCW:C14	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:O	3:A:2:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:O	3:A:2:PCW:N	6	7.47
(1,57)	2:B:185:CYS:O	3:A:2:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:2:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:O	3:A:2:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:O	3:A:2:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:O	3:A:2:PCW:P	6	7.47
(1,57)	2:B:185:CYS:O	3:A:3:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:3:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:O	3:A:3:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:O	3:A:3:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:O	3:A:3:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:O	3:A:3:PCW:N	6	7.47
(1,57)	2:B:185:CYS:O	3:A:3:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:3:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:O	3:A:3:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:O	3:A:3:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:O	3:A:3:PCW:P	6	7.47
(1,57)	2:B:185:CYS:O	3:A:4:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:4:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:O	3:A:4:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:O	3:A:4:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:O	3:A:4:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:O	3:A:4:PCW:N	6	7.47
(1,57)	2:B:185:CYS:O	3:A:4:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:4:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:O	3:A:4:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:O	3:A:4:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:O	3:A:4:PCW:P	6	7.47
(1,57)	2:B:185:CYS:O	3:A:5:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:5:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:O	3:A:5:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:O	3:A:5:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:O	3:A:5:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:O	3:A:5:PCW:N	6	7.47
(1,57)	2:B:185:CYS:O	3:A:5:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:5:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:O	3:A:5:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:O	3:A:5:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:O	3:A:5:PCW:P	6	7.47
(1,57)	2:B:185:CYS:O	3:A:6:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:6:PCW:C12	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:O	3:A:6:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:O	3:A:6:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:O	3:A:6:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:O	3:A:6:PCW:N	6	7.47
(1,57)	2:B:185:CYS:O	3:A:6:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:6:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:O	3:A:6:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:O	3:A:6:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:O	3:A:6:PCW:P	6	7.47
(1,57)	2:B:185:CYS:O	3:A:7:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:7:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:O	3:A:7:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:O	3:A:7:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:O	3:A:7:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:O	3:A:7:PCW:N	6	7.47
(1,57)	2:B:185:CYS:O	3:A:7:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:7:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:O	3:A:7:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:O	3:A:7:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:O	3:A:7:PCW:P	6	7.47
(1,57)	2:B:185:CYS:O	3:A:8:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:8:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:O	3:A:8:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:O	3:A:8:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:O	3:A:8:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:O	3:A:8:PCW:N	6	7.47
(1,57)	2:B:185:CYS:O	3:A:8:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:8:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:O	3:A:8:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:O	3:A:8:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:O	3:A:8:PCW:P	6	7.47
(1,57)	2:B:185:CYS:O	3:A:9:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:9:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:O	3:A:9:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:O	3:A:9:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:O	3:A:9:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:O	3:A:9:PCW:N	6	7.47
(1,57)	2:B:185:CYS:O	3:A:9:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:9:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:O	3:A:9:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:O	3:A:9:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:O	3:A:9:PCW:P	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:O	3:A:10:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:10:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:O	3:A:10:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:O	3:A:10:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:O	3:A:10:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:O	3:A:10:PCW:N	6	7.47
(1,57)	2:B:185:CYS:O	3:A:10:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:10:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:O	3:A:10:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:O	3:A:10:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:O	3:A:10:PCW:P	6	7.47
(1,57)	2:B:185:CYS:O	3:A:11:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:11:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:O	3:A:11:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:O	3:A:11:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:O	3:A:11:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:O	3:A:11:PCW:N	6	7.47
(1,57)	2:B:185:CYS:O	3:A:11:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:11:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:O	3:A:11:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:O	3:A:11:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:O	3:A:11:PCW:P	6	7.47
(1,57)	2:B:185:CYS:O	3:A:12:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:12:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:O	3:A:12:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:O	3:A:12:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:O	3:A:12:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:O	3:A:12:PCW:N	6	7.47
(1,57)	2:B:185:CYS:O	3:A:12:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:12:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:O	3:A:12:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:O	3:A:12:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:O	3:A:12:PCW:P	6	7.47
(1,57)	2:B:185:CYS:O	3:A:13:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:13:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:O	3:A:13:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:O	3:A:13:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:O	3:A:13:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:O	3:A:13:PCW:N	6	7.47
(1,57)	2:B:185:CYS:O	3:A:13:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:13:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:O	3:A:13:PCW:O3	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:O	3:A:13:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:O	3:A:13:PCW:P	6	7.47
(1,57)	2:B:185:CYS:O	3:A:14:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:14:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:O	3:A:14:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:O	3:A:14:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:O	3:A:14:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:O	3:A:14:PCW:N	6	7.47
(1,57)	2:B:185:CYS:O	3:A:14:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:14:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:O	3:A:14:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:O	3:A:14:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:O	3:A:14:PCW:P	6	7.47
(1,57)	2:B:185:CYS:O	3:A:15:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:15:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:O	3:A:15:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:O	3:A:15:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:O	3:A:15:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:O	3:A:15:PCW:N	6	7.47
(1,57)	2:B:185:CYS:O	3:A:15:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:15:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:O	3:A:15:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:O	3:A:15:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:O	3:A:15:PCW:P	6	7.47
(1,57)	2:B:185:CYS:O	3:A:16:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:16:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:O	3:A:16:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:O	3:A:16:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:O	3:A:16:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:O	3:A:16:PCW:N	6	7.47
(1,57)	2:B:185:CYS:O	3:A:16:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:16:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:O	3:A:16:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:O	3:A:16:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:O	3:A:16:PCW:P	6	7.47
(1,57)	2:B:185:CYS:O	3:A:17:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:17:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:O	3:A:17:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:O	3:A:17:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:O	3:A:17:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:O	3:A:17:PCW:N	6	7.47
(1,57)	2:B:185:CYS:O	3:A:17:PCW:O11	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:O	3:A:17:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:O	3:A:17:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:O	3:A:17:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:O	3:A:17:PCW:P	6	7.47
(1,57)	2:B:185:CYS:O	3:A:18:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:18:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:O	3:A:18:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:O	3:A:18:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:O	3:A:18:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:O	3:A:18:PCW:N	6	7.47
(1,57)	2:B:185:CYS:O	3:A:18:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:18:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:O	3:A:18:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:O	3:A:18:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:O	3:A:18:PCW:P	6	7.47
(1,57)	2:B:185:CYS:O	3:A:19:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:19:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:O	3:A:19:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:O	3:A:19:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:O	3:A:19:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:O	3:A:19:PCW:N	6	7.47
(1,57)	2:B:185:CYS:O	3:A:19:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:19:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:O	3:A:19:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:O	3:A:19:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:O	3:A:19:PCW:P	6	7.47
(1,57)	2:B:185:CYS:O	3:A:20:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:20:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:O	3:A:20:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:O	3:A:20:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:O	3:A:20:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:O	3:A:20:PCW:N	6	7.47
(1,57)	2:B:185:CYS:O	3:A:20:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:20:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:O	3:A:20:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:O	3:A:20:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:O	3:A:20:PCW:P	6	7.47
(1,57)	2:B:185:CYS:O	3:A:21:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:21:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:O	3:A:21:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:O	3:A:21:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:O	3:A:21:PCW:C15	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:O	3:A:21:PCW:N	6	7.47
(1,57)	2:B:185:CYS:O	3:A:21:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:21:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:O	3:A:21:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:O	3:A:21:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:O	3:A:21:PCW:P	6	7.47
(1,57)	2:B:185:CYS:O	3:A:22:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:22:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:O	3:A:22:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:O	3:A:22:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:O	3:A:22:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:O	3:A:22:PCW:N	6	7.47
(1,57)	2:B:185:CYS:O	3:A:22:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:22:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:O	3:A:22:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:O	3:A:22:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:O	3:A:22:PCW:P	6	7.47
(1,57)	2:B:185:CYS:O	3:A:23:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:23:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:O	3:A:23:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:O	3:A:23:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:O	3:A:23:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:O	3:A:23:PCW:N	6	7.47
(1,57)	2:B:185:CYS:O	3:A:23:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:23:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:O	3:A:23:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:O	3:A:23:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:O	3:A:23:PCW:P	6	7.47
(1,57)	2:B:185:CYS:O	3:A:24:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:24:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:O	3:A:24:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:O	3:A:24:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:O	3:A:24:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:O	3:A:24:PCW:N	6	7.47
(1,57)	2:B:185:CYS:O	3:A:24:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:24:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:O	3:A:24:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:O	3:A:24:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:O	3:A:24:PCW:P	6	7.47
(1,57)	2:B:185:CYS:O	3:A:25:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:25:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:O	3:A:25:PCW:C13	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:O	3:A:25:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:O	3:A:25:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:O	3:A:25:PCW:N	6	7.47
(1,57)	2:B:185:CYS:O	3:A:25:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:25:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:O	3:A:25:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:O	3:A:25:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:O	3:A:25:PCW:P	6	7.47
(1,57)	2:B:185:CYS:O	3:A:26:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:26:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:O	3:A:26:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:O	3:A:26:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:O	3:A:26:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:O	3:A:26:PCW:N	6	7.47
(1,57)	2:B:185:CYS:O	3:A:26:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:26:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:O	3:A:26:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:O	3:A:26:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:O	3:A:26:PCW:P	6	7.47
(1,57)	2:B:185:CYS:O	3:A:27:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:27:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:O	3:A:27:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:O	3:A:27:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:O	3:A:27:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:O	3:A:27:PCW:N	6	7.47
(1,57)	2:B:185:CYS:O	3:A:27:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:27:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:O	3:A:27:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:O	3:A:27:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:O	3:A:27:PCW:P	6	7.47
(1,57)	2:B:185:CYS:O	3:A:28:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:28:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:O	3:A:28:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:O	3:A:28:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:O	3:A:28:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:O	3:A:28:PCW:N	6	7.47
(1,57)	2:B:185:CYS:O	3:A:28:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:28:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:O	3:A:28:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:O	3:A:28:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:O	3:A:28:PCW:P	6	7.47
(1,57)	2:B:185:CYS:O	3:A:29:PCW:C11	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:O	3:A:29:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:O	3:A:29:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:O	3:A:29:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:O	3:A:29:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:O	3:A:29:PCW:N	6	7.47
(1,57)	2:B:185:CYS:O	3:A:29:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:29:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:O	3:A:29:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:O	3:A:29:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:O	3:A:29:PCW:P	6	7.47
(1,57)	2:B:185:CYS:O	3:A:30:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:30:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:O	3:A:30:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:O	3:A:30:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:O	3:A:30:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:O	3:A:30:PCW:N	6	7.47
(1,57)	2:B:185:CYS:O	3:A:30:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:30:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:O	3:A:30:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:O	3:A:30:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:O	3:A:30:PCW:P	6	7.47
(1,57)	2:B:185:CYS:O	3:A:31:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:31:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:O	3:A:31:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:O	3:A:31:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:O	3:A:31:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:O	3:A:31:PCW:N	6	7.47
(1,57)	2:B:185:CYS:O	3:A:31:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:31:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:O	3:A:31:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:O	3:A:31:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:O	3:A:31:PCW:P	6	7.47
(1,57)	2:B:185:CYS:O	3:A:32:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:32:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:O	3:A:32:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:O	3:A:32:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:O	3:A:32:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:O	3:A:32:PCW:N	6	7.47
(1,57)	2:B:185:CYS:O	3:A:32:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:O	3:A:32:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:O	3:A:32:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:O	3:A:32:PCW:O31	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:O	3:A:32:PCW:P	6	7.47
(1,57)	2:B:185:CYS:O	4:A:33:17F:C7	6	7.47
(1,57)	2:B:185:CYS:O	4:A:33:17F:C8	6	7.47
(1,57)	2:B:185:CYS:O	4:A:33:17F:C9	6	7.47
(1,57)	2:B:185:CYS:O	4:A:33:17F:N1	6	7.47
(1,57)	2:B:185:CYS:O	4:A:33:17F:O10	6	7.47
(1,57)	2:B:185:CYS:O	4:A:33:17F:O4	6	7.47
(1,57)	2:B:185:CYS:O	4:A:33:17F:O5	6	7.47
(1,57)	2:B:185:CYS:O	4:A:33:17F:O7	6	7.47
(1,57)	2:B:185:CYS:O	4:A:33:17F:O9	6	7.47
(1,57)	2:B:185:CYS:O	4:A:33:17F:P1	6	7.47
(1,57)	2:B:185:CYS:O	4:A:34:17F:C7	6	7.47
(1,57)	2:B:185:CYS:O	4:A:34:17F:C8	6	7.47
(1,57)	2:B:185:CYS:O	4:A:34:17F:C9	6	7.47
(1,57)	2:B:185:CYS:O	4:A:34:17F:N1	6	7.47
(1,57)	2:B:185:CYS:O	4:A:34:17F:O10	6	7.47
(1,57)	2:B:185:CYS:O	4:A:34:17F:O4	6	7.47
(1,57)	2:B:185:CYS:O	4:A:34:17F:O5	6	7.47
(1,57)	2:B:185:CYS:O	4:A:34:17F:O7	6	7.47
(1,57)	2:B:185:CYS:O	4:A:34:17F:O9	6	7.47
(1,57)	2:B:185:CYS:O	4:A:34:17F:P1	6	7.47
(1,57)	2:B:185:CYS:O	4:A:35:17F:C7	6	7.47
(1,57)	2:B:185:CYS:O	4:A:35:17F:C8	6	7.47
(1,57)	2:B:185:CYS:O	4:A:35:17F:C9	6	7.47
(1,57)	2:B:185:CYS:O	4:A:35:17F:N1	6	7.47
(1,57)	2:B:185:CYS:O	4:A:35:17F:O10	6	7.47
(1,57)	2:B:185:CYS:O	4:A:35:17F:O4	6	7.47
(1,57)	2:B:185:CYS:O	4:A:35:17F:O5	6	7.47
(1,57)	2:B:185:CYS:O	4:A:35:17F:O7	6	7.47
(1,57)	2:B:185:CYS:O	4:A:35:17F:O9	6	7.47
(1,57)	2:B:185:CYS:O	4:A:35:17F:P1	6	7.47
(1,57)	2:B:185:CYS:O	4:A:36:17F:C7	6	7.47
(1,57)	2:B:185:CYS:O	4:A:36:17F:C8	6	7.47
(1,57)	2:B:185:CYS:O	4:A:36:17F:C9	6	7.47
(1,57)	2:B:185:CYS:O	4:A:36:17F:N1	6	7.47
(1,57)	2:B:185:CYS:O	4:A:36:17F:O10	6	7.47
(1,57)	2:B:185:CYS:O	4:A:36:17F:O4	6	7.47
(1,57)	2:B:185:CYS:O	4:A:36:17F:O5	6	7.47
(1,57)	2:B:185:CYS:O	4:A:36:17F:O7	6	7.47
(1,57)	2:B:185:CYS:O	4:A:36:17F:O9	6	7.47
(1,57)	2:B:185:CYS:O	4:A:36:17F:P1	6	7.47
(1,57)	2:B:185:CYS:O	4:A:37:17F:C7	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:O	4:A:37:17F:C8	6	7.47
(1,57)	2:B:185:CYS:O	4:A:37:17F:C9	6	7.47
(1,57)	2:B:185:CYS:O	4:A:37:17F:N1	6	7.47
(1,57)	2:B:185:CYS:O	4:A:37:17F:O10	6	7.47
(1,57)	2:B:185:CYS:O	4:A:37:17F:O4	6	7.47
(1,57)	2:B:185:CYS:O	4:A:37:17F:O5	6	7.47
(1,57)	2:B:185:CYS:O	4:A:37:17F:O7	6	7.47
(1,57)	2:B:185:CYS:O	4:A:37:17F:O9	6	7.47
(1,57)	2:B:185:CYS:O	4:A:37:17F:P1	6	7.47
(1,57)	2:B:185:CYS:O	4:A:38:17F:C7	6	7.47
(1,57)	2:B:185:CYS:O	4:A:38:17F:C8	6	7.47
(1,57)	2:B:185:CYS:O	4:A:38:17F:C9	6	7.47
(1,57)	2:B:185:CYS:O	4:A:38:17F:N1	6	7.47
(1,57)	2:B:185:CYS:O	4:A:38:17F:O10	6	7.47
(1,57)	2:B:185:CYS:O	4:A:38:17F:O4	6	7.47
(1,57)	2:B:185:CYS:O	4:A:38:17F:O5	6	7.47
(1,57)	2:B:185:CYS:O	4:A:38:17F:O7	6	7.47
(1,57)	2:B:185:CYS:O	4:A:38:17F:O9	6	7.47
(1,57)	2:B:185:CYS:O	4:A:38:17F:P1	6	7.47
(1,57)	2:B:185:CYS:O	4:A:39:17F:C7	6	7.47
(1,57)	2:B:185:CYS:O	4:A:39:17F:C8	6	7.47
(1,57)	2:B:185:CYS:O	4:A:39:17F:C9	6	7.47
(1,57)	2:B:185:CYS:O	4:A:39:17F:N1	6	7.47
(1,57)	2:B:185:CYS:O	4:A:39:17F:O10	6	7.47
(1,57)	2:B:185:CYS:O	4:A:39:17F:O4	6	7.47
(1,57)	2:B:185:CYS:O	4:A:39:17F:O5	6	7.47
(1,57)	2:B:185:CYS:O	4:A:39:17F:O7	6	7.47
(1,57)	2:B:185:CYS:O	4:A:39:17F:O9	6	7.47
(1,57)	2:B:185:CYS:O	4:A:39:17F:P1	6	7.47
(1,57)	2:B:185:CYS:O	4:A:40:17F:C7	6	7.47
(1,57)	2:B:185:CYS:O	4:A:40:17F:C8	6	7.47
(1,57)	2:B:185:CYS:O	4:A:40:17F:C9	6	7.47
(1,57)	2:B:185:CYS:O	4:A:40:17F:N1	6	7.47
(1,57)	2:B:185:CYS:O	4:A:40:17F:O10	6	7.47
(1,57)	2:B:185:CYS:O	4:A:40:17F:O4	6	7.47
(1,57)	2:B:185:CYS:O	4:A:40:17F:O5	6	7.47
(1,57)	2:B:185:CYS:O	4:A:40:17F:O7	6	7.47
(1,57)	2:B:185:CYS:O	4:A:40:17F:O9	6	7.47
(1,57)	2:B:185:CYS:O	4:A:40:17F:P1	6	7.47
(1,57)	2:B:185:CYS:O	2:B:1:MET:N	6	7.47
(1,57)	2:B:185:CYS:O	2:B:2:THR:N	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:1:PCW:C11	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:SG	3:A:1:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:1:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:1:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:1:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:1:PCW:N	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:1:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:1:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:1:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:1:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:1:PCW:P	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:2:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:2:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:2:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:2:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:2:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:2:PCW:N	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:2:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:2:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:2:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:2:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:2:PCW:P	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:3:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:3:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:3:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:3:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:3:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:3:PCW:N	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:3:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:3:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:3:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:3:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:3:PCW:P	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:4:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:4:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:4:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:4:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:4:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:4:PCW:N	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:4:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:4:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:4:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:4:PCW:O31	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:SG	3:A:4:PCW:P	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:5:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:5:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:5:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:5:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:5:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:5:PCW:N	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:5:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:5:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:5:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:5:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:5:PCW:P	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:6:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:6:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:6:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:6:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:6:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:6:PCW:N	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:6:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:6:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:6:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:6:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:6:PCW:P	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:7:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:7:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:7:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:7:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:7:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:7:PCW:N	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:7:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:7:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:7:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:7:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:7:PCW:P	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:8:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:8:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:8:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:8:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:8:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:8:PCW:N	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:8:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:8:PCW:O2	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:SG	3:A:8:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:8:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:8:PCW:P	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:9:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:9:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:9:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:9:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:9:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:9:PCW:N	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:9:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:9:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:9:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:9:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:9:PCW:P	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:10:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:10:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:10:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:10:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:10:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:10:PCW:N	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:10:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:10:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:10:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:10:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:10:PCW:P	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:11:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:11:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:11:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:11:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:11:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:11:PCW:N	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:11:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:11:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:11:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:11:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:11:PCW:P	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:12:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:12:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:12:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:12:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:12:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:12:PCW:N	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:SG	3:A:12:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:12:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:12:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:12:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:12:PCW:P	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:13:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:13:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:13:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:13:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:13:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:13:PCW:N	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:13:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:13:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:13:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:13:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:13:PCW:P	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:14:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:14:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:14:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:14:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:14:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:14:PCW:N	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:14:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:14:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:14:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:14:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:14:PCW:P	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:15:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:15:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:15:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:15:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:15:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:15:PCW:N	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:15:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:15:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:15:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:15:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:15:PCW:P	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:16:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:16:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:16:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:16:PCW:C14	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:SG	3:A:16:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:16:PCW:N	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:16:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:16:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:16:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:16:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:16:PCW:P	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:17:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:17:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:17:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:17:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:17:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:17:PCW:N	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:17:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:17:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:17:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:17:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:17:PCW:P	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:18:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:18:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:18:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:18:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:18:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:18:PCW:N	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:18:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:18:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:18:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:18:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:18:PCW:P	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:19:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:19:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:19:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:19:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:19:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:19:PCW:N	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:19:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:19:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:19:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:19:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:19:PCW:P	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:20:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:20:PCW:C12	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:SG	3:A:20:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:20:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:20:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:20:PCW:N	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:20:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:20:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:20:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:20:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:20:PCW:P	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:21:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:21:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:21:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:21:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:21:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:21:PCW:N	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:21:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:21:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:21:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:21:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:21:PCW:P	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:22:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:22:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:22:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:22:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:22:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:22:PCW:N	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:22:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:22:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:22:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:22:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:22:PCW:P	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:23:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:23:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:23:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:23:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:23:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:23:PCW:N	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:23:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:23:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:23:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:23:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:23:PCW:P	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:SG	3:A:24:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:24:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:24:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:24:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:24:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:24:PCW:N	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:24:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:24:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:24:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:24:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:24:PCW:P	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:25:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:25:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:25:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:25:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:25:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:25:PCW:N	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:25:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:25:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:25:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:25:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:25:PCW:P	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:26:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:26:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:26:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:26:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:26:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:26:PCW:N	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:26:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:26:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:26:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:26:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:26:PCW:P	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:27:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:27:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:27:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:27:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:27:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:27:PCW:N	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:27:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:27:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:27:PCW:O3	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:SG	3:A:27:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:27:PCW:P	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:28:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:28:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:28:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:28:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:28:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:28:PCW:N	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:28:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:28:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:28:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:28:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:28:PCW:P	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:29:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:29:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:29:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:29:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:29:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:29:PCW:N	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:29:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:29:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:29:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:29:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:29:PCW:P	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:30:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:30:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:30:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:30:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:30:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:30:PCW:N	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:30:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:30:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:30:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:30:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:30:PCW:P	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:31:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:31:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:31:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:31:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:31:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:31:PCW:N	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:31:PCW:O11	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:SG	3:A:31:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:31:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:31:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:31:PCW:P	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:32:PCW:C11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:32:PCW:C12	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:32:PCW:C13	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:32:PCW:C14	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:32:PCW:C15	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:32:PCW:N	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:32:PCW:O11	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:32:PCW:O2	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:32:PCW:O3	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:32:PCW:O31	6	7.47
(1,57)	2:B:185:CYS:SG	3:A:32:PCW:P	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:33:17F:C7	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:33:17F:C8	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:33:17F:C9	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:33:17F:N1	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:33:17F:O10	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:33:17F:O4	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:33:17F:O5	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:33:17F:O7	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:33:17F:O9	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:33:17F:P1	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:34:17F:C7	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:34:17F:C8	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:34:17F:C9	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:34:17F:N1	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:34:17F:O10	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:34:17F:O4	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:34:17F:O5	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:34:17F:O7	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:34:17F:O9	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:34:17F:P1	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:35:17F:C7	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:35:17F:C8	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:35:17F:C9	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:35:17F:N1	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:35:17F:O10	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:35:17F:O4	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:35:17F:O5	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:SG	4:A:35:17F:O7	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:35:17F:O9	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:35:17F:P1	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:36:17F:C7	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:36:17F:C8	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:36:17F:C9	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:36:17F:N1	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:36:17F:O10	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:36:17F:O4	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:36:17F:O5	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:36:17F:O7	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:36:17F:O9	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:36:17F:P1	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:37:17F:C7	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:37:17F:C8	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:37:17F:C9	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:37:17F:N1	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:37:17F:O10	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:37:17F:O4	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:37:17F:O5	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:37:17F:O7	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:37:17F:O9	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:37:17F:P1	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:38:17F:C7	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:38:17F:C8	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:38:17F:C9	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:38:17F:N1	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:38:17F:O10	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:38:17F:O4	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:38:17F:O5	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:38:17F:O7	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:38:17F:O9	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:38:17F:P1	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:39:17F:C7	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:39:17F:C8	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:39:17F:C9	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:39:17F:N1	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:39:17F:O10	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:39:17F:O4	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:39:17F:O5	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:39:17F:O7	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:39:17F:O9	6	7.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:SG	4:A:39:17F:P1	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:40:17F:C7	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:40:17F:C8	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:40:17F:C9	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:40:17F:N1	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:40:17F:O10	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:40:17F:O4	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:40:17F:O5	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:40:17F:O7	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:40:17F:O9	6	7.47
(1,57)	2:B:185:CYS:SG	4:A:40:17F:P1	6	7.47
(1,57)	2:B:185:CYS:SG	2:B:1:MET:N	6	7.47
(1,57)	2:B:185:CYS:SG	2:B:2:THR:N	6	7.47
(1,27)	3:A:27:PCW:C11	2:B:1:MET:C	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:1:MET:CA	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:1:MET:CB	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:1:MET:CE	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:1:MET:CG	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:1:MET:H	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:1:MET:N	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:1:MET:O	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:1:MET:SD	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:2:THR:C	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:2:THR:CA	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:2:THR:CB	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:2:THR:CG2	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:2:THR:H	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:2:THR:HG1	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:2:THR:N	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:2:THR:O	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:2:THR:OG1	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:3:GLU:C	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:3:GLU:CA	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:3:GLU:CB	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:3:GLU:CD	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:3:GLU:CG	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:3:GLU:H	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:3:GLU:N	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:3:GLU:O	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:3:GLU:OE1	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:3:GLU:OE2	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:4:TYR:C	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:C11	2:B:4:TYR:CA	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:4:TYR:CB	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:4:TYR:CD1	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:4:TYR:CD2	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:4:TYR:CE1	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:4:TYR:CE2	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:4:TYR:CG	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:4:TYR:CZ	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:4:TYR:H	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:4:TYR:HH	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:4:TYR:N	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:4:TYR:O	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:4:TYR:OH	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:47:ASP:C	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:47:ASP:CA	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:47:ASP:CB	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:47:ASP:CG	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:47:ASP:H	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:47:ASP:N	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:47:ASP:O	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:47:ASP:OD1	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:47:ASP:OD2	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:48:GLY:C	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:48:GLY:CA	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:48:GLY:H	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:48:GLY:N	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:48:GLY:O	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:49:GLU:C	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:49:GLU:CA	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:49:GLU:CB	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:49:GLU:CD	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:49:GLU:CG	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:49:GLU:H	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:49:GLU:N	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:49:GLU:O	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:49:GLU:OE1	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:49:GLU:OE2	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:50:THR:C	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:50:THR:CA	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:50:THR:CB	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:50:THR:CG2	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:50:THR:H	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:C11	2:B:50:THR:HG1	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:50:THR:N	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:50:THR:O	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:50:THR:OG1	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:51:CYS:C	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:51:CYS:CA	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:51:CYS:CB	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:51:CYS:H	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:51:CYS:HG	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:51:CYS:N	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:51:CYS:O	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:51:CYS:SG	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:105:ASP:C	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:105:ASP:CA	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:105:ASP:CB	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:105:ASP:CG	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:105:ASP:H	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:105:ASP:N	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:105:ASP:O	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:105:ASP:OD1	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:105:ASP:OD2	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:106:SER:C	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:106:SER:CA	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:106:SER:CB	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:106:SER:H	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:106:SER:HG	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:106:SER:N	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:106:SER:O	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:106:SER:OG	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:107:GLU:C	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:107:GLU:CA	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:107:GLU:CB	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:107:GLU:CD	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:107:GLU:CG	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:107:GLU:H	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:107:GLU:N	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:107:GLU:O	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:107:GLU:OE1	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:107:GLU:OE2	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:132:ASP:C	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:132:ASP:CA	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:132:ASP:CB	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:C11	2:B:132:ASP:CG	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:132:ASP:H	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:132:ASP:N	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:132:ASP:O	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:132:ASP:OD1	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:132:ASP:OD2	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:133:LEU:C	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:133:LEU:CA	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:133:LEU:CB	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:133:LEU:CD1	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:133:LEU:CD2	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:133:LEU:CG	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:133:LEU:H	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:133:LEU:N	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:133:LEU:O	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:134:ALA:C	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:134:ALA:CA	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:134:ALA:CB	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:134:ALA:H	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:134:ALA:N	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:134:ALA:O	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:137:TYR:C	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:137:TYR:CA	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:137:TYR:CB	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:137:TYR:CD1	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:137:TYR:CD2	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:137:TYR:CE1	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:137:TYR:CE2	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:137:TYR:CG	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:137:TYR:CZ	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:137:TYR:H	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:137:TYR:HH	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:137:TYR:N	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:137:TYR:O	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:137:TYR:OH	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:138:GLY:C	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:138:GLY:CA	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:138:GLY:H	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:138:GLY:N	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:138:GLY:O	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:139:ILE:C	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:139:ILE:CA	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:C11	2:B:139:ILE:CB	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:139:ILE:CD1	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:139:ILE:CG1	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:139:ILE:CG2	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:139:ILE:H	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:139:ILE:N	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:139:ILE:O	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:140:PRO:C	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:140:PRO:CA	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:140:PRO:CB	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:140:PRO:CD	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:140:PRO:CG	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:140:PRO:N	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:140:PRO:O	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:141:PHE:C	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:141:PHE:CA	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:141:PHE:CB	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:141:PHE:CD1	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:141:PHE:CD2	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:141:PHE:CE1	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:141:PHE:CE2	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:141:PHE:CG	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:141:PHE:CZ	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:141:PHE:H	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:141:PHE:N	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:141:PHE:O	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:142:ILE:C	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:142:ILE:CA	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:142:ILE:CB	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:142:ILE:CD1	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:142:ILE:CG1	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:142:ILE:CG2	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:142:ILE:H	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:142:ILE:N	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:142:ILE:O	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:143:GLU:C	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:143:GLU:CA	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:143:GLU:CB	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:143:GLU:CD	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:143:GLU:CG	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:143:GLU:H	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:143:GLU:N	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:C11	2:B:143:GLU:O	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:143:GLU:OE1	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:143:GLU:OE2	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:158:THR:C	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:158:THR:CA	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:158:THR:CB	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:158:THR:CG2	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:158:THR:H	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:158:THR:HG1	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:158:THR:N	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:158:THR:O	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:158:THR:OG1	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:159:LEU:C	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:159:LEU:CA	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:159:LEU:CB	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:159:LEU:CD1	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:159:LEU:CD2	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:159:LEU:CG	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:159:LEU:H	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:159:LEU:N	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:159:LEU:O	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:160:VAL:C	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:160:VAL:CA	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:160:VAL:CB	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:160:VAL:CG1	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:160:VAL:CG2	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:160:VAL:H	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:160:VAL:N	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:160:VAL:O	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:170:MET:C	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:170:MET:CA	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:170:MET:CB	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:170:MET:CE	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:170:MET:CG	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:170:MET:H	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:170:MET:N	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:170:MET:O	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:170:MET:SD	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:171:SER:C	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:171:SER:CA	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:171:SER:CB	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:171:SER:H	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:C11	2:B:171:SER:HG	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:171:SER:N	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:171:SER:O	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:171:SER:OG	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:172:LYS:C	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:172:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:172:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:172:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:172:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:172:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:172:LYS:H	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:172:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:172:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:172:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:172:LYS:N	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:172:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:172:LYS:O	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:173:ASP:C	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:173:ASP:CA	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:173:ASP:CB	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:173:ASP:CG	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:173:ASP:H	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:173:ASP:N	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:173:ASP:O	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:173:ASP:OD1	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:173:ASP:OD2	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:174:GLY:C	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:174:GLY:CA	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:174:GLY:H	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:174:GLY:N	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:174:GLY:O	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:175:LYS:C	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:175:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:175:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:175:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:175:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:175:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:175:LYS:H	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:175:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:175:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:175:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:175:LYS:N	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:C11	2:B:175:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:175:LYS:O	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:176:LYS:C	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:176:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:176:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:176:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:176:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:176:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:176:LYS:H	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:176:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:176:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:176:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:176:LYS:N	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:176:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:176:LYS:O	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:177:LYS:C	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:177:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:177:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:177:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:177:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:177:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:177:LYS:H	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:177:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:177:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:177:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:177:LYS:N	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:177:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:177:LYS:O	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:178:LYS:C	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:178:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:178:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:178:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:178:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:178:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:178:LYS:H	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:178:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:178:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:178:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:178:LYS:N	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:178:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:178:LYS:O	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:184:LYS:C	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:C11	2:B:184:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:184:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:184:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:184:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:184:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:184:LYS:H	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:184:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:184:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:184:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:184:LYS:N	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:184:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:184:LYS:O	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:185:CYS:C	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:185:CYS:CA	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:185:CYS:CB	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:185:CYS:H	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:185:CYS:HG	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:185:CYS:N	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:185:CYS:O	6	5.66
(1,27)	3:A:27:PCW:C11	2:B:185:CYS:SG	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:1:MET:C	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:1:MET:CA	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:1:MET:CB	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:1:MET:CE	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:1:MET:CG	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:1:MET:H	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:1:MET:N	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:1:MET:O	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:1:MET:SD	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:2:THR:C	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:2:THR:CA	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:2:THR:CB	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:2:THR:CG2	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:2:THR:H	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:2:THR:HG1	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:2:THR:N	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:2:THR:O	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:2:THR:OG1	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:3:GLU:C	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:3:GLU:CA	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:3:GLU:CB	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:3:GLU:CD	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:C12	2:B:3:GLU:CG	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:3:GLU:H	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:3:GLU:N	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:3:GLU:O	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:3:GLU:OE1	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:3:GLU:OE2	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:4:TYR:C	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:4:TYR:CA	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:4:TYR:CB	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:4:TYR:CD1	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:4:TYR:CD2	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:4:TYR:CE1	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:4:TYR:CE2	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:4:TYR:CG	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:4:TYR:CZ	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:4:TYR:H	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:4:TYR:HH	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:4:TYR:N	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:4:TYR:O	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:4:TYR:OH	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:47:ASP:C	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:47:ASP:CA	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:47:ASP:CB	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:47:ASP:CG	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:47:ASP:H	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:47:ASP:N	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:47:ASP:O	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:47:ASP:OD1	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:47:ASP:OD2	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:48:GLY:C	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:48:GLY:CA	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:48:GLY:H	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:48:GLY:N	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:48:GLY:O	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:49:GLU:C	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:49:GLU:CA	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:49:GLU:CB	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:49:GLU:CD	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:49:GLU:CG	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:49:GLU:H	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:49:GLU:N	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:49:GLU:O	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:C12	2:B:49:GLU:OE1	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:49:GLU:OE2	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:50:THR:C	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:50:THR:CA	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:50:THR:CB	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:50:THR:CG2	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:50:THR:H	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:50:THR:HG1	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:50:THR:N	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:50:THR:O	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:50:THR:OG1	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:51:CYS:C	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:51:CYS:CA	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:51:CYS:CB	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:51:CYS:H	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:51:CYS:HG	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:51:CYS:N	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:51:CYS:O	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:51:CYS:SG	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:105:ASP:C	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:105:ASP:CA	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:105:ASP:CB	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:105:ASP:CG	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:105:ASP:H	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:105:ASP:N	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:105:ASP:O	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:105:ASP:OD1	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:105:ASP:OD2	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:106:SER:C	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:106:SER:CA	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:106:SER:CB	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:106:SER:H	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:106:SER:HG	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:106:SER:N	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:106:SER:O	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:106:SER:OG	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:107:GLU:C	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:107:GLU:CA	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:107:GLU:CB	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:107:GLU:CD	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:107:GLU:CG	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:107:GLU:H	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:C12	2:B:107:GLU:N	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:107:GLU:O	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:107:GLU:OE1	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:107:GLU:OE2	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:132:ASP:C	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:132:ASP:CA	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:132:ASP:CB	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:132:ASP:CG	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:132:ASP:H	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:132:ASP:N	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:132:ASP:O	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:132:ASP:OD1	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:132:ASP:OD2	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:133:LEU:C	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:133:LEU:CA	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:133:LEU:CB	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:133:LEU:CD1	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:133:LEU:CD2	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:133:LEU:CG	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:133:LEU:H	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:133:LEU:N	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:133:LEU:O	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:134:ALA:C	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:134:ALA:CA	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:134:ALA:CB	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:134:ALA:H	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:134:ALA:N	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:134:ALA:O	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:137:TYR:C	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:137:TYR:CA	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:137:TYR:CB	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:137:TYR:CD1	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:137:TYR:CD2	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:137:TYR:CE1	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:137:TYR:CE2	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:137:TYR:CG	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:137:TYR:CZ	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:137:TYR:H	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:137:TYR:HH	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:137:TYR:N	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:137:TYR:O	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:137:TYR:OH	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:C12	2:B:138:GLY:C	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:138:GLY:CA	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:138:GLY:H	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:138:GLY:N	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:138:GLY:O	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:139:ILE:C	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:139:ILE:CA	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:139:ILE:CB	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:139:ILE:CD1	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:139:ILE:CG1	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:139:ILE:CG2	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:139:ILE:H	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:139:ILE:N	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:139:ILE:O	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:140:PRO:C	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:140:PRO:CA	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:140:PRO:CB	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:140:PRO:CD	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:140:PRO:CG	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:140:PRO:N	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:140:PRO:O	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:141:PHE:C	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:141:PHE:CA	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:141:PHE:CB	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:141:PHE:CD1	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:141:PHE:CD2	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:141:PHE:CE1	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:141:PHE:CE2	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:141:PHE:CG	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:141:PHE:CZ	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:141:PHE:H	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:141:PHE:N	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:141:PHE:O	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:142:ILE:C	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:142:ILE:CA	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:142:ILE:CB	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:142:ILE:CD1	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:142:ILE:CG1	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:142:ILE:CG2	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:142:ILE:H	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:142:ILE:N	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:142:ILE:O	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:C12	2:B:143:GLU:C	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:143:GLU:CA	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:143:GLU:CB	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:143:GLU:CD	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:143:GLU:CG	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:143:GLU:H	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:143:GLU:N	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:143:GLU:O	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:143:GLU:OE1	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:143:GLU:OE2	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:158:THR:C	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:158:THR:CA	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:158:THR:CB	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:158:THR:CG2	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:158:THR:H	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:158:THR:HG1	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:158:THR:N	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:158:THR:O	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:158:THR:OG1	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:159:LEU:C	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:159:LEU:CA	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:159:LEU:CB	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:159:LEU:CD1	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:159:LEU:CD2	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:159:LEU:CG	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:159:LEU:H	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:159:LEU:N	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:159:LEU:O	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:160:VAL:C	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:160:VAL:CA	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:160:VAL:CB	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:160:VAL:CG1	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:160:VAL:CG2	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:160:VAL:H	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:160:VAL:N	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:160:VAL:O	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:170:MET:C	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:170:MET:CA	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:170:MET:CB	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:170:MET:CE	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:170:MET:CG	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:170:MET:H	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:C12	2:B:170:MET:N	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:170:MET:O	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:170:MET:SD	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:171:SER:C	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:171:SER:CA	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:171:SER:CB	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:171:SER:H	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:171:SER:HG	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:171:SER:N	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:171:SER:O	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:171:SER:OG	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:172:LYS:C	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:172:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:172:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:172:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:172:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:172:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:172:LYS:H	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:172:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:172:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:172:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:172:LYS:N	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:172:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:172:LYS:O	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:173:ASP:C	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:173:ASP:CA	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:173:ASP:CB	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:173:ASP:CG	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:173:ASP:H	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:173:ASP:N	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:173:ASP:O	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:173:ASP:OD1	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:173:ASP:OD2	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:174:GLY:C	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:174:GLY:CA	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:174:GLY:H	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:174:GLY:N	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:174:GLY:O	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:175:LYS:C	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:175:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:175:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:175:LYS:CD	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:C12	2:B:175:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:175:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:175:LYS:H	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:175:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:175:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:175:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:175:LYS:N	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:175:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:175:LYS:O	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:176:LYS:C	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:176:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:176:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:176:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:176:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:176:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:176:LYS:H	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:176:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:176:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:176:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:176:LYS:N	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:176:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:176:LYS:O	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:177:LYS:C	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:177:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:177:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:177:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:177:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:177:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:177:LYS:H	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:177:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:177:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:177:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:177:LYS:N	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:177:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:177:LYS:O	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:178:LYS:C	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:178:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:178:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:178:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:178:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:178:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:178:LYS:H	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:C12	2:B:178:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:178:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:178:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:178:LYS:N	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:178:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:178:LYS:O	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:184:LYS:C	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:184:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:184:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:184:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:184:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:184:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:184:LYS:H	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:184:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:184:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:184:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:184:LYS:N	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:184:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:184:LYS:O	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:185:CYS:C	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:185:CYS:CA	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:185:CYS:CB	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:185:CYS:H	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:185:CYS:HG	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:185:CYS:N	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:185:CYS:O	6	5.66
(1,27)	3:A:27:PCW:C12	2:B:185:CYS:SG	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:1:MET:C	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:1:MET:CA	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:1:MET:CB	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:1:MET:CE	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:1:MET:CG	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:1:MET:H	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:1:MET:N	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:1:MET:O	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:1:MET:SD	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:2:THR:C	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:2:THR:CA	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:2:THR:CB	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:2:THR:CG2	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:2:THR:H	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:2:THR:HG1	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:C13	2:B:2:THR:N	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:2:THR:O	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:2:THR:OG1	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:3:GLU:C	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:3:GLU:CA	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:3:GLU:CB	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:3:GLU:CD	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:3:GLU:CG	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:3:GLU:H	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:3:GLU:N	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:3:GLU:O	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:3:GLU:OE1	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:3:GLU:OE2	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:4:TYR:C	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:4:TYR:CA	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:4:TYR:CB	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:4:TYR:CD1	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:4:TYR:CD2	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:4:TYR:CE1	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:4:TYR:CE2	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:4:TYR:CG	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:4:TYR:CZ	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:4:TYR:H	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:4:TYR:HH	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:4:TYR:N	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:4:TYR:O	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:4:TYR:OH	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:47:ASP:C	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:47:ASP:CA	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:47:ASP:CB	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:47:ASP:CG	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:47:ASP:H	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:47:ASP:N	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:47:ASP:O	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:47:ASP:OD1	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:47:ASP:OD2	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:48:GLY:C	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:48:GLY:CA	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:48:GLY:H	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:48:GLY:N	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:48:GLY:O	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:49:GLU:C	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:C13	2:B:49:GLU:CA	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:49:GLU:CB	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:49:GLU:CD	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:49:GLU:CG	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:49:GLU:H	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:49:GLU:N	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:49:GLU:O	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:49:GLU:OE1	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:49:GLU:OE2	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:50:THR:C	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:50:THR:CA	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:50:THR:CB	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:50:THR:CG2	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:50:THR:H	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:50:THR:HG1	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:50:THR:N	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:50:THR:O	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:50:THR:OG1	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:51:CYS:C	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:51:CYS:CA	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:51:CYS:CB	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:51:CYS:H	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:51:CYS:HG	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:51:CYS:N	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:51:CYS:O	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:51:CYS:SG	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:105:ASP:C	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:105:ASP:CA	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:105:ASP:CB	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:105:ASP:CG	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:105:ASP:H	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:105:ASP:N	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:105:ASP:O	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:105:ASP:OD1	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:105:ASP:OD2	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:106:SER:C	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:106:SER:CA	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:106:SER:CB	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:106:SER:H	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:106:SER:HG	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:106:SER:N	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:106:SER:O	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:C13	2:B:106:SER:OG	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:107:GLU:C	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:107:GLU:CA	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:107:GLU:CB	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:107:GLU:CD	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:107:GLU:CG	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:107:GLU:H	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:107:GLU:N	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:107:GLU:O	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:107:GLU:OE1	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:107:GLU:OE2	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:132:ASP:C	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:132:ASP:CA	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:132:ASP:CB	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:132:ASP:CG	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:132:ASP:H	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:132:ASP:N	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:132:ASP:O	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:132:ASP:OD1	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:132:ASP:OD2	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:133:LEU:C	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:133:LEU:CA	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:133:LEU:CB	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:133:LEU:CD1	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:133:LEU:CD2	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:133:LEU:CG	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:133:LEU:H	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:133:LEU:N	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:133:LEU:O	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:134:ALA:C	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:134:ALA:CA	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:134:ALA:CB	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:134:ALA:H	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:134:ALA:N	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:134:ALA:O	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:137:TYR:C	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:137:TYR:CA	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:137:TYR:CB	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:137:TYR:CD1	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:137:TYR:CD2	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:137:TYR:CE1	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:137:TYR:CE2	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:C13	2:B:137:TYR:CG	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:137:TYR:CZ	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:137:TYR:H	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:137:TYR:HH	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:137:TYR:N	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:137:TYR:O	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:137:TYR:OH	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:138:GLY:C	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:138:GLY:CA	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:138:GLY:H	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:138:GLY:N	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:138:GLY:O	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:139:ILE:C	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:139:ILE:CA	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:139:ILE:CB	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:139:ILE:CD1	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:139:ILE:CG1	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:139:ILE:CG2	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:139:ILE:H	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:139:ILE:N	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:139:ILE:O	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:140:PRO:C	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:140:PRO:CA	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:140:PRO:CB	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:140:PRO:CD	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:140:PRO:CG	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:140:PRO:N	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:140:PRO:O	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:141:PHE:C	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:141:PHE:CA	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:141:PHE:CB	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:141:PHE:CD1	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:141:PHE:CD2	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:141:PHE:CE1	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:141:PHE:CE2	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:141:PHE:CG	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:141:PHE:CZ	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:141:PHE:H	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:141:PHE:N	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:141:PHE:O	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:142:ILE:C	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:142:ILE:CA	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:C13	2:B:142:ILE:CB	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:142:ILE:CD1	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:142:ILE:CG1	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:142:ILE:CG2	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:142:ILE:H	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:142:ILE:N	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:142:ILE:O	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:143:GLU:C	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:143:GLU:CA	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:143:GLU:CB	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:143:GLU:CD	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:143:GLU:CG	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:143:GLU:H	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:143:GLU:N	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:143:GLU:O	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:143:GLU:OE1	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:143:GLU:OE2	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:158:THR:C	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:158:THR:CA	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:158:THR:CB	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:158:THR:CG2	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:158:THR:H	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:158:THR:HG1	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:158:THR:N	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:158:THR:O	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:158:THR:OG1	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:159:LEU:C	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:159:LEU:CA	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:159:LEU:CB	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:159:LEU:CD1	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:159:LEU:CD2	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:159:LEU:CG	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:159:LEU:H	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:159:LEU:N	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:159:LEU:O	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:160:VAL:C	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:160:VAL:CA	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:160:VAL:CB	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:160:VAL:CG1	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:160:VAL:CG2	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:160:VAL:H	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:160:VAL:N	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:C13	2:B:160:VAL:O	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:170:MET:C	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:170:MET:CA	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:170:MET:CB	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:170:MET:CE	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:170:MET:CG	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:170:MET:H	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:170:MET:N	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:170:MET:O	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:170:MET:SD	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:171:SER:C	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:171:SER:CA	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:171:SER:CB	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:171:SER:H	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:171:SER:HG	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:171:SER:N	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:171:SER:O	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:171:SER:OG	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:172:LYS:C	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:172:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:172:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:172:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:172:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:172:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:172:LYS:H	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:172:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:172:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:172:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:172:LYS:N	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:172:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:172:LYS:O	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:173:ASP:C	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:173:ASP:CA	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:173:ASP:CB	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:173:ASP:CG	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:173:ASP:H	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:173:ASP:N	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:173:ASP:O	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:173:ASP:OD1	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:173:ASP:OD2	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:174:GLY:C	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:174:GLY:CA	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:C13	2:B:174:GLY:H	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:174:GLY:N	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:174:GLY:O	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:175:LYS:C	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:175:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:175:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:175:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:175:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:175:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:175:LYS:H	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:175:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:175:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:175:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:175:LYS:N	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:175:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:175:LYS:O	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:176:LYS:C	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:176:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:176:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:176:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:176:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:176:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:176:LYS:H	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:176:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:176:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:176:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:176:LYS:N	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:176:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:176:LYS:O	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:177:LYS:C	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:177:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:177:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:177:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:177:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:177:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:177:LYS:H	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:177:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:177:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:177:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:177:LYS:N	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:177:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:177:LYS:O	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:C13	2:B:178:LYS:C	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:178:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:178:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:178:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:178:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:178:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:178:LYS:H	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:178:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:178:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:178:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:178:LYS:N	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:178:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:178:LYS:O	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:184:LYS:C	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:184:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:184:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:184:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:184:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:184:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:184:LYS:H	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:184:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:184:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:184:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:184:LYS:N	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:184:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:184:LYS:O	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:185:CYS:C	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:185:CYS:CA	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:185:CYS:CB	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:185:CYS:H	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:185:CYS:HG	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:185:CYS:N	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:185:CYS:O	6	5.66
(1,27)	3:A:27:PCW:C13	2:B:185:CYS:SG	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:1:MET:C	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:1:MET:CA	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:1:MET:CB	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:1:MET:CE	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:1:MET:CG	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:1:MET:H	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:1:MET:N	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:1:MET:O	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:C14	2:B:1:MET:SD	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:2:THR:C	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:2:THR:CA	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:2:THR:CB	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:2:THR:CG2	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:2:THR:H	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:2:THR:HG1	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:2:THR:N	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:2:THR:O	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:2:THR:OG1	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:3:GLU:C	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:3:GLU:CA	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:3:GLU:CB	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:3:GLU:CD	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:3:GLU:CG	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:3:GLU:H	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:3:GLU:N	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:3:GLU:O	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:3:GLU:OE1	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:3:GLU:OE2	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:4:TYR:C	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:4:TYR:CA	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:4:TYR:CB	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:4:TYR:CD1	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:4:TYR:CD2	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:4:TYR:CE1	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:4:TYR:CE2	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:4:TYR:CG	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:4:TYR:CZ	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:4:TYR:H	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:4:TYR:HH	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:4:TYR:N	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:4:TYR:O	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:4:TYR:OH	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:47:ASP:C	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:47:ASP:CA	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:47:ASP:CB	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:47:ASP:CG	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:47:ASP:H	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:47:ASP:N	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:47:ASP:O	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:47:ASP:OD1	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:C14	2:B:47:ASP:OD2	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:48:GLY:C	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:48:GLY:CA	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:48:GLY:H	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:48:GLY:N	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:48:GLY:O	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:49:GLU:C	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:49:GLU:CA	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:49:GLU:CB	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:49:GLU:CD	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:49:GLU:CG	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:49:GLU:H	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:49:GLU:N	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:49:GLU:O	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:49:GLU:OE1	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:49:GLU:OE2	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:50:THR:C	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:50:THR:CA	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:50:THR:CB	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:50:THR:CG2	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:50:THR:H	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:50:THR:HG1	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:50:THR:N	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:50:THR:O	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:50:THR:OG1	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:51:CYS:C	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:51:CYS:CA	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:51:CYS:CB	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:51:CYS:H	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:51:CYS:HG	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:51:CYS:N	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:51:CYS:O	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:51:CYS:SG	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:105:ASP:C	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:105:ASP:CA	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:105:ASP:CB	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:105:ASP:CG	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:105:ASP:H	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:105:ASP:N	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:105:ASP:O	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:105:ASP:OD1	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:105:ASP:OD2	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:C14	2:B:106:SER:C	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:106:SER:CA	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:106:SER:CB	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:106:SER:H	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:106:SER:HG	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:106:SER:N	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:106:SER:O	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:106:SER:OG	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:107:GLU:C	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:107:GLU:CA	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:107:GLU:CB	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:107:GLU:CD	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:107:GLU:CG	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:107:GLU:H	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:107:GLU:N	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:107:GLU:O	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:107:GLU:OE1	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:107:GLU:OE2	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:132:ASP:C	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:132:ASP:CA	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:132:ASP:CB	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:132:ASP:CG	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:132:ASP:H	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:132:ASP:N	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:132:ASP:O	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:132:ASP:OD1	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:132:ASP:OD2	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:133:LEU:C	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:133:LEU:CA	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:133:LEU:CB	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:133:LEU:CD1	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:133:LEU:CD2	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:133:LEU:CG	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:133:LEU:H	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:133:LEU:N	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:133:LEU:O	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:134:ALA:C	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:134:ALA:CA	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:134:ALA:CB	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:134:ALA:H	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:134:ALA:N	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:134:ALA:O	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:C14	2:B:137:TYR:C	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:137:TYR:CA	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:137:TYR:CB	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:137:TYR:CD1	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:137:TYR:CD2	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:137:TYR:CE1	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:137:TYR:CE2	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:137:TYR:CG	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:137:TYR:CZ	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:137:TYR:H	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:137:TYR:HH	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:137:TYR:N	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:137:TYR:O	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:137:TYR:OH	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:138:GLY:C	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:138:GLY:CA	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:138:GLY:H	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:138:GLY:N	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:138:GLY:O	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:139:ILE:C	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:139:ILE:CA	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:139:ILE:CB	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:139:ILE:CD1	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:139:ILE:CG1	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:139:ILE:CG2	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:139:ILE:H	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:139:ILE:N	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:139:ILE:O	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:140:PRO:C	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:140:PRO:CA	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:140:PRO:CB	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:140:PRO:CD	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:140:PRO:CG	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:140:PRO:N	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:140:PRO:O	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:141:PHE:C	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:141:PHE:CA	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:141:PHE:CB	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:141:PHE:CD1	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:141:PHE:CD2	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:141:PHE:CE1	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:141:PHE:CE2	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:C14	2:B:141:PHE:CG	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:141:PHE:CZ	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:141:PHE:H	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:141:PHE:N	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:141:PHE:O	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:142:ILE:C	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:142:ILE:CA	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:142:ILE:CB	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:142:ILE:CD1	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:142:ILE:CG1	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:142:ILE:CG2	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:142:ILE:H	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:142:ILE:N	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:142:ILE:O	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:143:GLU:C	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:143:GLU:CA	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:143:GLU:CB	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:143:GLU:CD	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:143:GLU:CG	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:143:GLU:H	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:143:GLU:N	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:143:GLU:O	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:143:GLU:OE1	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:143:GLU:OE2	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:158:THR:C	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:158:THR:CA	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:158:THR:CB	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:158:THR:CG2	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:158:THR:H	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:158:THR:HG1	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:158:THR:N	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:158:THR:O	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:158:THR:OG1	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:159:LEU:C	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:159:LEU:CA	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:159:LEU:CB	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:159:LEU:CD1	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:159:LEU:CD2	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:159:LEU:CG	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:159:LEU:H	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:159:LEU:N	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:159:LEU:O	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:C14	2:B:160:VAL:C	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:160:VAL:CA	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:160:VAL:CB	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:160:VAL:CG1	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:160:VAL:CG2	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:160:VAL:H	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:160:VAL:N	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:160:VAL:O	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:170:MET:C	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:170:MET:CA	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:170:MET:CB	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:170:MET:CE	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:170:MET:CG	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:170:MET:H	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:170:MET:N	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:170:MET:O	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:170:MET:SD	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:171:SER:C	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:171:SER:CA	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:171:SER:CB	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:171:SER:H	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:171:SER:HG	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:171:SER:N	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:171:SER:O	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:171:SER:OG	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:172:LYS:C	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:172:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:172:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:172:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:172:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:172:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:172:LYS:H	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:172:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:172:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:172:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:172:LYS:N	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:172:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:172:LYS:O	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:173:ASP:C	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:173:ASP:CA	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:173:ASP:CB	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:173:ASP:CG	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:C14	2:B:173:ASP:H	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:173:ASP:N	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:173:ASP:O	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:173:ASP:OD1	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:173:ASP:OD2	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:174:GLY:C	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:174:GLY:CA	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:174:GLY:H	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:174:GLY:N	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:174:GLY:O	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:175:LYS:C	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:175:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:175:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:175:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:175:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:175:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:175:LYS:H	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:175:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:175:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:175:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:175:LYS:N	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:175:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:175:LYS:O	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:176:LYS:C	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:176:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:176:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:176:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:176:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:176:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:176:LYS:H	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:176:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:176:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:176:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:176:LYS:N	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:176:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:176:LYS:O	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:177:LYS:C	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:177:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:177:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:177:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:177:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:177:LYS:CG	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:C14	2:B:177:LYS:H	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:177:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:177:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:177:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:177:LYS:N	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:177:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:177:LYS:O	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:178:LYS:C	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:178:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:178:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:178:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:178:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:178:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:178:LYS:H	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:178:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:178:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:178:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:178:LYS:N	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:178:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:178:LYS:O	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:184:LYS:C	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:184:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:184:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:184:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:184:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:184:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:184:LYS:H	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:184:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:184:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:184:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:184:LYS:N	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:184:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:184:LYS:O	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:185:CYS:C	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:185:CYS:CA	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:185:CYS:CB	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:185:CYS:H	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:185:CYS:HG	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:185:CYS:N	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:185:CYS:O	6	5.66
(1,27)	3:A:27:PCW:C14	2:B:185:CYS:SG	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:1:MET:C	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:C15	2:B:1:MET:CA	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:1:MET:CB	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:1:MET:CE	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:1:MET:CG	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:1:MET:H	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:1:MET:N	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:1:MET:O	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:1:MET:SD	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:2:THR:C	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:2:THR:CA	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:2:THR:CB	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:2:THR:CG2	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:2:THR:H	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:2:THR:HG1	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:2:THR:N	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:2:THR:O	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:2:THR:OG1	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:3:GLU:C	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:3:GLU:CA	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:3:GLU:CB	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:3:GLU:CD	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:3:GLU:CG	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:3:GLU:H	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:3:GLU:N	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:3:GLU:O	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:3:GLU:OE1	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:3:GLU:OE2	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:4:TYR:C	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:4:TYR:CA	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:4:TYR:CB	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:4:TYR:CD1	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:4:TYR:CD2	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:4:TYR:CE1	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:4:TYR:CE2	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:4:TYR:CG	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:4:TYR:CZ	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:4:TYR:H	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:4:TYR:HH	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:4:TYR:N	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:4:TYR:O	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:4:TYR:OH	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:47:ASP:C	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:C15	2:B:47:ASP:CA	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:47:ASP:CB	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:47:ASP:CG	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:47:ASP:H	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:47:ASP:N	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:47:ASP:O	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:47:ASP:OD1	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:47:ASP:OD2	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:48:GLY:C	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:48:GLY:CA	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:48:GLY:H	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:48:GLY:N	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:48:GLY:O	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:49:GLU:C	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:49:GLU:CA	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:49:GLU:CB	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:49:GLU:CD	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:49:GLU:CG	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:49:GLU:H	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:49:GLU:N	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:49:GLU:O	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:49:GLU:OE1	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:49:GLU:OE2	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:50:THR:C	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:50:THR:CA	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:50:THR:CB	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:50:THR:CG2	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:50:THR:H	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:50:THR:HG1	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:50:THR:N	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:50:THR:O	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:50:THR:OG1	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:51:CYS:C	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:51:CYS:CA	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:51:CYS:CB	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:51:CYS:H	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:51:CYS:HG	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:51:CYS:N	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:51:CYS:O	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:51:CYS:SG	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:105:ASP:C	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:105:ASP:CA	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:C15	2:B:105:ASP:CB	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:105:ASP:CG	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:105:ASP:H	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:105:ASP:N	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:105:ASP:O	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:105:ASP:OD1	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:105:ASP:OD2	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:106:SER:C	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:106:SER:CA	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:106:SER:CB	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:106:SER:H	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:106:SER:HG	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:106:SER:N	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:106:SER:O	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:106:SER:OG	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:107:GLU:C	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:107:GLU:CA	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:107:GLU:CB	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:107:GLU:CD	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:107:GLU:CG	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:107:GLU:H	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:107:GLU:N	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:107:GLU:O	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:107:GLU:OE1	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:107:GLU:OE2	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:132:ASP:C	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:132:ASP:CA	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:132:ASP:CB	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:132:ASP:CG	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:132:ASP:H	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:132:ASP:N	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:132:ASP:O	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:132:ASP:OD1	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:132:ASP:OD2	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:133:LEU:C	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:133:LEU:CA	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:133:LEU:CB	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:133:LEU:CD1	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:133:LEU:CD2	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:133:LEU:CG	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:133:LEU:H	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:133:LEU:N	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:C15	2:B:133:LEU:O	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:134:ALA:C	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:134:ALA:CA	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:134:ALA:CB	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:134:ALA:H	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:134:ALA:N	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:134:ALA:O	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:137:TYR:C	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:137:TYR:CA	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:137:TYR:CB	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:137:TYR:CD1	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:137:TYR:CD2	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:137:TYR:CE1	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:137:TYR:CE2	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:137:TYR:CG	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:137:TYR:CZ	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:137:TYR:H	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:137:TYR:HH	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:137:TYR:N	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:137:TYR:O	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:137:TYR:OH	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:138:GLY:C	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:138:GLY:CA	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:138:GLY:H	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:138:GLY:N	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:138:GLY:O	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:139:ILE:C	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:139:ILE:CA	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:139:ILE:CB	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:139:ILE:CD1	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:139:ILE:CG1	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:139:ILE:CG2	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:139:ILE:H	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:139:ILE:N	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:139:ILE:O	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:140:PRO:C	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:140:PRO:CA	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:140:PRO:CB	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:140:PRO:CD	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:140:PRO:CG	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:140:PRO:N	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:140:PRO:O	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:C15	2:B:141:PHE:C	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:141:PHE:CA	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:141:PHE:CB	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:141:PHE:CD1	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:141:PHE:CD2	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:141:PHE:CE1	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:141:PHE:CE2	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:141:PHE:CG	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:141:PHE:CZ	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:141:PHE:H	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:141:PHE:N	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:141:PHE:O	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:142:ILE:C	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:142:ILE:CA	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:142:ILE:CB	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:142:ILE:CD1	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:142:ILE:CG1	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:142:ILE:CG2	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:142:ILE:H	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:142:ILE:N	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:142:ILE:O	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:143:GLU:C	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:143:GLU:CA	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:143:GLU:CB	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:143:GLU:CD	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:143:GLU:CG	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:143:GLU:H	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:143:GLU:N	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:143:GLU:O	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:143:GLU:OE1	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:143:GLU:OE2	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:158:THR:C	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:158:THR:CA	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:158:THR:CB	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:158:THR:CG2	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:158:THR:H	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:158:THR:HG1	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:158:THR:N	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:158:THR:O	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:158:THR:OG1	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:159:LEU:C	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:159:LEU:CA	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:C15	2:B:159:LEU:CB	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:159:LEU:CD1	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:159:LEU:CD2	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:159:LEU:CG	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:159:LEU:H	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:159:LEU:N	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:159:LEU:O	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:160:VAL:C	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:160:VAL:CA	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:160:VAL:CB	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:160:VAL:CG1	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:160:VAL:CG2	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:160:VAL:H	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:160:VAL:N	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:160:VAL:O	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:170:MET:C	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:170:MET:CA	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:170:MET:CB	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:170:MET:CE	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:170:MET:CG	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:170:MET:H	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:170:MET:N	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:170:MET:O	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:170:MET:SD	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:171:SER:C	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:171:SER:CA	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:171:SER:CB	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:171:SER:H	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:171:SER:HG	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:171:SER:N	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:171:SER:O	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:171:SER:OG	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:172:LYS:C	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:172:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:172:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:172:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:172:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:172:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:172:LYS:H	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:172:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:172:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:172:LYS:HZ3	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:C15	2:B:172:LYS:N	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:172:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:172:LYS:O	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:173:ASP:C	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:173:ASP:CA	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:173:ASP:CB	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:173:ASP:CG	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:173:ASP:H	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:173:ASP:N	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:173:ASP:O	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:173:ASP:OD1	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:173:ASP:OD2	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:174:GLY:C	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:174:GLY:CA	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:174:GLY:H	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:174:GLY:N	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:174:GLY:O	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:175:LYS:C	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:175:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:175:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:175:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:175:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:175:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:175:LYS:H	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:175:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:175:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:175:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:175:LYS:N	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:175:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:175:LYS:O	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:176:LYS:C	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:176:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:176:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:176:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:176:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:176:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:176:LYS:H	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:176:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:176:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:176:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:176:LYS:N	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:176:LYS:NZ	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:C15	2:B:176:LYS:O	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:177:LYS:C	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:177:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:177:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:177:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:177:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:177:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:177:LYS:H	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:177:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:177:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:177:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:177:LYS:N	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:177:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:177:LYS:O	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:178:LYS:C	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:178:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:178:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:178:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:178:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:178:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:178:LYS:H	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:178:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:178:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:178:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:178:LYS:N	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:178:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:178:LYS:O	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:184:LYS:C	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:184:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:184:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:184:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:184:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:184:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:184:LYS:H	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:184:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:184:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:184:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:184:LYS:N	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:184:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:184:LYS:O	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:185:CYS:C	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:185:CYS:CA	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:C15	2:B:185:CYS:CB	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:185:CYS:H	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:185:CYS:HG	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:185:CYS:N	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:185:CYS:O	6	5.66
(1,27)	3:A:27:PCW:C15	2:B:185:CYS:SG	6	5.66
(1,27)	3:A:27:PCW:N	2:B:1:MET:C	6	5.66
(1,27)	3:A:27:PCW:N	2:B:1:MET:CA	6	5.66
(1,27)	3:A:27:PCW:N	2:B:1:MET:CB	6	5.66
(1,27)	3:A:27:PCW:N	2:B:1:MET:CE	6	5.66
(1,27)	3:A:27:PCW:N	2:B:1:MET:CG	6	5.66
(1,27)	3:A:27:PCW:N	2:B:1:MET:H	6	5.66
(1,27)	3:A:27:PCW:N	2:B:1:MET:N	6	5.66
(1,27)	3:A:27:PCW:N	2:B:1:MET:O	6	5.66
(1,27)	3:A:27:PCW:N	2:B:1:MET:SD	6	5.66
(1,27)	3:A:27:PCW:N	2:B:2:THR:C	6	5.66
(1,27)	3:A:27:PCW:N	2:B:2:THR:CA	6	5.66
(1,27)	3:A:27:PCW:N	2:B:2:THR:CB	6	5.66
(1,27)	3:A:27:PCW:N	2:B:2:THR:CG2	6	5.66
(1,27)	3:A:27:PCW:N	2:B:2:THR:H	6	5.66
(1,27)	3:A:27:PCW:N	2:B:2:THR:HG1	6	5.66
(1,27)	3:A:27:PCW:N	2:B:2:THR:N	6	5.66
(1,27)	3:A:27:PCW:N	2:B:2:THR:O	6	5.66
(1,27)	3:A:27:PCW:N	2:B:2:THR:OG1	6	5.66
(1,27)	3:A:27:PCW:N	2:B:3:GLU:C	6	5.66
(1,27)	3:A:27:PCW:N	2:B:3:GLU:CA	6	5.66
(1,27)	3:A:27:PCW:N	2:B:3:GLU:CB	6	5.66
(1,27)	3:A:27:PCW:N	2:B:3:GLU:CD	6	5.66
(1,27)	3:A:27:PCW:N	2:B:3:GLU:CG	6	5.66
(1,27)	3:A:27:PCW:N	2:B:3:GLU:H	6	5.66
(1,27)	3:A:27:PCW:N	2:B:3:GLU:N	6	5.66
(1,27)	3:A:27:PCW:N	2:B:3:GLU:O	6	5.66
(1,27)	3:A:27:PCW:N	2:B:3:GLU:OE1	6	5.66
(1,27)	3:A:27:PCW:N	2:B:3:GLU:OE2	6	5.66
(1,27)	3:A:27:PCW:N	2:B:4:TYR:C	6	5.66
(1,27)	3:A:27:PCW:N	2:B:4:TYR:CA	6	5.66
(1,27)	3:A:27:PCW:N	2:B:4:TYR:CB	6	5.66
(1,27)	3:A:27:PCW:N	2:B:4:TYR:CD1	6	5.66
(1,27)	3:A:27:PCW:N	2:B:4:TYR:CD2	6	5.66
(1,27)	3:A:27:PCW:N	2:B:4:TYR:CE1	6	5.66
(1,27)	3:A:27:PCW:N	2:B:4:TYR:CE2	6	5.66
(1,27)	3:A:27:PCW:N	2:B:4:TYR:CG	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:N	2:B:4:TYR:CZ	6	5.66
(1,27)	3:A:27:PCW:N	2:B:4:TYR:H	6	5.66
(1,27)	3:A:27:PCW:N	2:B:4:TYR:HH	6	5.66
(1,27)	3:A:27:PCW:N	2:B:4:TYR:N	6	5.66
(1,27)	3:A:27:PCW:N	2:B:4:TYR:O	6	5.66
(1,27)	3:A:27:PCW:N	2:B:4:TYR:OH	6	5.66
(1,27)	3:A:27:PCW:N	2:B:47:ASP:C	6	5.66
(1,27)	3:A:27:PCW:N	2:B:47:ASP:CA	6	5.66
(1,27)	3:A:27:PCW:N	2:B:47:ASP:CB	6	5.66
(1,27)	3:A:27:PCW:N	2:B:47:ASP:CG	6	5.66
(1,27)	3:A:27:PCW:N	2:B:47:ASP:H	6	5.66
(1,27)	3:A:27:PCW:N	2:B:47:ASP:N	6	5.66
(1,27)	3:A:27:PCW:N	2:B:47:ASP:O	6	5.66
(1,27)	3:A:27:PCW:N	2:B:47:ASP:OD1	6	5.66
(1,27)	3:A:27:PCW:N	2:B:47:ASP:OD2	6	5.66
(1,27)	3:A:27:PCW:N	2:B:48:GLY:C	6	5.66
(1,27)	3:A:27:PCW:N	2:B:48:GLY:CA	6	5.66
(1,27)	3:A:27:PCW:N	2:B:48:GLY:H	6	5.66
(1,27)	3:A:27:PCW:N	2:B:48:GLY:N	6	5.66
(1,27)	3:A:27:PCW:N	2:B:48:GLY:O	6	5.66
(1,27)	3:A:27:PCW:N	2:B:49:GLU:C	6	5.66
(1,27)	3:A:27:PCW:N	2:B:49:GLU:CA	6	5.66
(1,27)	3:A:27:PCW:N	2:B:49:GLU:CB	6	5.66
(1,27)	3:A:27:PCW:N	2:B:49:GLU:CD	6	5.66
(1,27)	3:A:27:PCW:N	2:B:49:GLU:CG	6	5.66
(1,27)	3:A:27:PCW:N	2:B:49:GLU:H	6	5.66
(1,27)	3:A:27:PCW:N	2:B:49:GLU:N	6	5.66
(1,27)	3:A:27:PCW:N	2:B:49:GLU:O	6	5.66
(1,27)	3:A:27:PCW:N	2:B:49:GLU:OE1	6	5.66
(1,27)	3:A:27:PCW:N	2:B:49:GLU:OE2	6	5.66
(1,27)	3:A:27:PCW:N	2:B:50:THR:C	6	5.66
(1,27)	3:A:27:PCW:N	2:B:50:THR:CA	6	5.66
(1,27)	3:A:27:PCW:N	2:B:50:THR:CB	6	5.66
(1,27)	3:A:27:PCW:N	2:B:50:THR:CG2	6	5.66
(1,27)	3:A:27:PCW:N	2:B:50:THR:H	6	5.66
(1,27)	3:A:27:PCW:N	2:B:50:THR:HG1	6	5.66
(1,27)	3:A:27:PCW:N	2:B:50:THR:N	6	5.66
(1,27)	3:A:27:PCW:N	2:B:50:THR:O	6	5.66
(1,27)	3:A:27:PCW:N	2:B:50:THR:OG1	6	5.66
(1,27)	3:A:27:PCW:N	2:B:51:CYS:C	6	5.66
(1,27)	3:A:27:PCW:N	2:B:51:CYS:CA	6	5.66
(1,27)	3:A:27:PCW:N	2:B:51:CYS:CB	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:N	2:B:51:CYS:H	6	5.66
(1,27)	3:A:27:PCW:N	2:B:51:CYS:HG	6	5.66
(1,27)	3:A:27:PCW:N	2:B:51:CYS:N	6	5.66
(1,27)	3:A:27:PCW:N	2:B:51:CYS:O	6	5.66
(1,27)	3:A:27:PCW:N	2:B:51:CYS:SG	6	5.66
(1,27)	3:A:27:PCW:N	2:B:105:ASP:C	6	5.66
(1,27)	3:A:27:PCW:N	2:B:105:ASP:CA	6	5.66
(1,27)	3:A:27:PCW:N	2:B:105:ASP:CB	6	5.66
(1,27)	3:A:27:PCW:N	2:B:105:ASP:CG	6	5.66
(1,27)	3:A:27:PCW:N	2:B:105:ASP:H	6	5.66
(1,27)	3:A:27:PCW:N	2:B:105:ASP:N	6	5.66
(1,27)	3:A:27:PCW:N	2:B:105:ASP:O	6	5.66
(1,27)	3:A:27:PCW:N	2:B:105:ASP:OD1	6	5.66
(1,27)	3:A:27:PCW:N	2:B:105:ASP:OD2	6	5.66
(1,27)	3:A:27:PCW:N	2:B:106:SER:C	6	5.66
(1,27)	3:A:27:PCW:N	2:B:106:SER:CA	6	5.66
(1,27)	3:A:27:PCW:N	2:B:106:SER:CB	6	5.66
(1,27)	3:A:27:PCW:N	2:B:106:SER:H	6	5.66
(1,27)	3:A:27:PCW:N	2:B:106:SER:HG	6	5.66
(1,27)	3:A:27:PCW:N	2:B:106:SER:N	6	5.66
(1,27)	3:A:27:PCW:N	2:B:106:SER:O	6	5.66
(1,27)	3:A:27:PCW:N	2:B:106:SER:OG	6	5.66
(1,27)	3:A:27:PCW:N	2:B:107:GLU:C	6	5.66
(1,27)	3:A:27:PCW:N	2:B:107:GLU:CA	6	5.66
(1,27)	3:A:27:PCW:N	2:B:107:GLU:CB	6	5.66
(1,27)	3:A:27:PCW:N	2:B:107:GLU:CD	6	5.66
(1,27)	3:A:27:PCW:N	2:B:107:GLU:CG	6	5.66
(1,27)	3:A:27:PCW:N	2:B:107:GLU:H	6	5.66
(1,27)	3:A:27:PCW:N	2:B:107:GLU:N	6	5.66
(1,27)	3:A:27:PCW:N	2:B:107:GLU:O	6	5.66
(1,27)	3:A:27:PCW:N	2:B:107:GLU:OE1	6	5.66
(1,27)	3:A:27:PCW:N	2:B:107:GLU:OE2	6	5.66
(1,27)	3:A:27:PCW:N	2:B:132:ASP:C	6	5.66
(1,27)	3:A:27:PCW:N	2:B:132:ASP:CA	6	5.66
(1,27)	3:A:27:PCW:N	2:B:132:ASP:CB	6	5.66
(1,27)	3:A:27:PCW:N	2:B:132:ASP:CG	6	5.66
(1,27)	3:A:27:PCW:N	2:B:132:ASP:H	6	5.66
(1,27)	3:A:27:PCW:N	2:B:132:ASP:N	6	5.66
(1,27)	3:A:27:PCW:N	2:B:132:ASP:O	6	5.66
(1,27)	3:A:27:PCW:N	2:B:132:ASP:OD1	6	5.66
(1,27)	3:A:27:PCW:N	2:B:132:ASP:OD2	6	5.66
(1,27)	3:A:27:PCW:N	2:B:133:LEU:C	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:N	2:B:133:LEU:CA	6	5.66
(1,27)	3:A:27:PCW:N	2:B:133:LEU:CB	6	5.66
(1,27)	3:A:27:PCW:N	2:B:133:LEU:CD1	6	5.66
(1,27)	3:A:27:PCW:N	2:B:133:LEU:CD2	6	5.66
(1,27)	3:A:27:PCW:N	2:B:133:LEU:CG	6	5.66
(1,27)	3:A:27:PCW:N	2:B:133:LEU:H	6	5.66
(1,27)	3:A:27:PCW:N	2:B:133:LEU:N	6	5.66
(1,27)	3:A:27:PCW:N	2:B:133:LEU:O	6	5.66
(1,27)	3:A:27:PCW:N	2:B:134:ALA:C	6	5.66
(1,27)	3:A:27:PCW:N	2:B:134:ALA:CA	6	5.66
(1,27)	3:A:27:PCW:N	2:B:134:ALA:CB	6	5.66
(1,27)	3:A:27:PCW:N	2:B:134:ALA:H	6	5.66
(1,27)	3:A:27:PCW:N	2:B:134:ALA:N	6	5.66
(1,27)	3:A:27:PCW:N	2:B:134:ALA:O	6	5.66
(1,27)	3:A:27:PCW:N	2:B:137:TYR:C	6	5.66
(1,27)	3:A:27:PCW:N	2:B:137:TYR:CA	6	5.66
(1,27)	3:A:27:PCW:N	2:B:137:TYR:CB	6	5.66
(1,27)	3:A:27:PCW:N	2:B:137:TYR:CD1	6	5.66
(1,27)	3:A:27:PCW:N	2:B:137:TYR:CD2	6	5.66
(1,27)	3:A:27:PCW:N	2:B:137:TYR:CE1	6	5.66
(1,27)	3:A:27:PCW:N	2:B:137:TYR:CE2	6	5.66
(1,27)	3:A:27:PCW:N	2:B:137:TYR:CG	6	5.66
(1,27)	3:A:27:PCW:N	2:B:137:TYR:CZ	6	5.66
(1,27)	3:A:27:PCW:N	2:B:137:TYR:H	6	5.66
(1,27)	3:A:27:PCW:N	2:B:137:TYR:HH	6	5.66
(1,27)	3:A:27:PCW:N	2:B:137:TYR:N	6	5.66
(1,27)	3:A:27:PCW:N	2:B:137:TYR:O	6	5.66
(1,27)	3:A:27:PCW:N	2:B:137:TYR:OH	6	5.66
(1,27)	3:A:27:PCW:N	2:B:138:GLY:C	6	5.66
(1,27)	3:A:27:PCW:N	2:B:138:GLY:CA	6	5.66
(1,27)	3:A:27:PCW:N	2:B:138:GLY:H	6	5.66
(1,27)	3:A:27:PCW:N	2:B:138:GLY:N	6	5.66
(1,27)	3:A:27:PCW:N	2:B:138:GLY:O	6	5.66
(1,27)	3:A:27:PCW:N	2:B:139:ILE:C	6	5.66
(1,27)	3:A:27:PCW:N	2:B:139:ILE:CA	6	5.66
(1,27)	3:A:27:PCW:N	2:B:139:ILE:CB	6	5.66
(1,27)	3:A:27:PCW:N	2:B:139:ILE:CD1	6	5.66
(1,27)	3:A:27:PCW:N	2:B:139:ILE:CG1	6	5.66
(1,27)	3:A:27:PCW:N	2:B:139:ILE:CG2	6	5.66
(1,27)	3:A:27:PCW:N	2:B:139:ILE:H	6	5.66
(1,27)	3:A:27:PCW:N	2:B:139:ILE:N	6	5.66
(1,27)	3:A:27:PCW:N	2:B:139:ILE:O	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:N	2:B:140:PRO:C	6	5.66
(1,27)	3:A:27:PCW:N	2:B:140:PRO:CA	6	5.66
(1,27)	3:A:27:PCW:N	2:B:140:PRO:CB	6	5.66
(1,27)	3:A:27:PCW:N	2:B:140:PRO:CD	6	5.66
(1,27)	3:A:27:PCW:N	2:B:140:PRO:CG	6	5.66
(1,27)	3:A:27:PCW:N	2:B:140:PRO:N	6	5.66
(1,27)	3:A:27:PCW:N	2:B:140:PRO:O	6	5.66
(1,27)	3:A:27:PCW:N	2:B:141:PHE:C	6	5.66
(1,27)	3:A:27:PCW:N	2:B:141:PHE:CA	6	5.66
(1,27)	3:A:27:PCW:N	2:B:141:PHE:CB	6	5.66
(1,27)	3:A:27:PCW:N	2:B:141:PHE:CD1	6	5.66
(1,27)	3:A:27:PCW:N	2:B:141:PHE:CD2	6	5.66
(1,27)	3:A:27:PCW:N	2:B:141:PHE:CE1	6	5.66
(1,27)	3:A:27:PCW:N	2:B:141:PHE:CE2	6	5.66
(1,27)	3:A:27:PCW:N	2:B:141:PHE:CG	6	5.66
(1,27)	3:A:27:PCW:N	2:B:141:PHE:CZ	6	5.66
(1,27)	3:A:27:PCW:N	2:B:141:PHE:H	6	5.66
(1,27)	3:A:27:PCW:N	2:B:141:PHE:N	6	5.66
(1,27)	3:A:27:PCW:N	2:B:141:PHE:O	6	5.66
(1,27)	3:A:27:PCW:N	2:B:142:ILE:C	6	5.66
(1,27)	3:A:27:PCW:N	2:B:142:ILE:CA	6	5.66
(1,27)	3:A:27:PCW:N	2:B:142:ILE:CB	6	5.66
(1,27)	3:A:27:PCW:N	2:B:142:ILE:CD1	6	5.66
(1,27)	3:A:27:PCW:N	2:B:142:ILE:CG1	6	5.66
(1,27)	3:A:27:PCW:N	2:B:142:ILE:CG2	6	5.66
(1,27)	3:A:27:PCW:N	2:B:142:ILE:H	6	5.66
(1,27)	3:A:27:PCW:N	2:B:142:ILE:N	6	5.66
(1,27)	3:A:27:PCW:N	2:B:142:ILE:O	6	5.66
(1,27)	3:A:27:PCW:N	2:B:143:GLU:C	6	5.66
(1,27)	3:A:27:PCW:N	2:B:143:GLU:CA	6	5.66
(1,27)	3:A:27:PCW:N	2:B:143:GLU:CB	6	5.66
(1,27)	3:A:27:PCW:N	2:B:143:GLU:CD	6	5.66
(1,27)	3:A:27:PCW:N	2:B:143:GLU:CG	6	5.66
(1,27)	3:A:27:PCW:N	2:B:143:GLU:H	6	5.66
(1,27)	3:A:27:PCW:N	2:B:143:GLU:N	6	5.66
(1,27)	3:A:27:PCW:N	2:B:143:GLU:O	6	5.66
(1,27)	3:A:27:PCW:N	2:B:143:GLU:OE1	6	5.66
(1,27)	3:A:27:PCW:N	2:B:143:GLU:OE2	6	5.66
(1,27)	3:A:27:PCW:N	2:B:158:THR:C	6	5.66
(1,27)	3:A:27:PCW:N	2:B:158:THR:CA	6	5.66
(1,27)	3:A:27:PCW:N	2:B:158:THR:CB	6	5.66
(1,27)	3:A:27:PCW:N	2:B:158:THR:CG2	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:N	2:B:158:THR:H	6	5.66
(1,27)	3:A:27:PCW:N	2:B:158:THR:HG1	6	5.66
(1,27)	3:A:27:PCW:N	2:B:158:THR:N	6	5.66
(1,27)	3:A:27:PCW:N	2:B:158:THR:O	6	5.66
(1,27)	3:A:27:PCW:N	2:B:158:THR:OG1	6	5.66
(1,27)	3:A:27:PCW:N	2:B:159:LEU:C	6	5.66
(1,27)	3:A:27:PCW:N	2:B:159:LEU:CA	6	5.66
(1,27)	3:A:27:PCW:N	2:B:159:LEU:CB	6	5.66
(1,27)	3:A:27:PCW:N	2:B:159:LEU:CD1	6	5.66
(1,27)	3:A:27:PCW:N	2:B:159:LEU:CD2	6	5.66
(1,27)	3:A:27:PCW:N	2:B:159:LEU:CG	6	5.66
(1,27)	3:A:27:PCW:N	2:B:159:LEU:H	6	5.66
(1,27)	3:A:27:PCW:N	2:B:159:LEU:N	6	5.66
(1,27)	3:A:27:PCW:N	2:B:159:LEU:O	6	5.66
(1,27)	3:A:27:PCW:N	2:B:160:VAL:C	6	5.66
(1,27)	3:A:27:PCW:N	2:B:160:VAL:CA	6	5.66
(1,27)	3:A:27:PCW:N	2:B:160:VAL:CB	6	5.66
(1,27)	3:A:27:PCW:N	2:B:160:VAL:CG1	6	5.66
(1,27)	3:A:27:PCW:N	2:B:160:VAL:CG2	6	5.66
(1,27)	3:A:27:PCW:N	2:B:160:VAL:H	6	5.66
(1,27)	3:A:27:PCW:N	2:B:160:VAL:N	6	5.66
(1,27)	3:A:27:PCW:N	2:B:160:VAL:O	6	5.66
(1,27)	3:A:27:PCW:N	2:B:170:MET:C	6	5.66
(1,27)	3:A:27:PCW:N	2:B:170:MET:CA	6	5.66
(1,27)	3:A:27:PCW:N	2:B:170:MET:CB	6	5.66
(1,27)	3:A:27:PCW:N	2:B:170:MET:CE	6	5.66
(1,27)	3:A:27:PCW:N	2:B:170:MET:CG	6	5.66
(1,27)	3:A:27:PCW:N	2:B:170:MET:H	6	5.66
(1,27)	3:A:27:PCW:N	2:B:170:MET:N	6	5.66
(1,27)	3:A:27:PCW:N	2:B:170:MET:O	6	5.66
(1,27)	3:A:27:PCW:N	2:B:170:MET:SD	6	5.66
(1,27)	3:A:27:PCW:N	2:B:171:SER:C	6	5.66
(1,27)	3:A:27:PCW:N	2:B:171:SER:CA	6	5.66
(1,27)	3:A:27:PCW:N	2:B:171:SER:CB	6	5.66
(1,27)	3:A:27:PCW:N	2:B:171:SER:H	6	5.66
(1,27)	3:A:27:PCW:N	2:B:171:SER:HG	6	5.66
(1,27)	3:A:27:PCW:N	2:B:171:SER:N	6	5.66
(1,27)	3:A:27:PCW:N	2:B:171:SER:O	6	5.66
(1,27)	3:A:27:PCW:N	2:B:171:SER:OG	6	5.66
(1,27)	3:A:27:PCW:N	2:B:172:LYS:C	6	5.66
(1,27)	3:A:27:PCW:N	2:B:172:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:N	2:B:172:LYS:CB	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:N	2:B:172:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:N	2:B:172:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:N	2:B:172:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:N	2:B:172:LYS:H	6	5.66
(1,27)	3:A:27:PCW:N	2:B:172:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:N	2:B:172:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:N	2:B:172:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:N	2:B:172:LYS:N	6	5.66
(1,27)	3:A:27:PCW:N	2:B:172:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:N	2:B:172:LYS:O	6	5.66
(1,27)	3:A:27:PCW:N	2:B:173:ASP:C	6	5.66
(1,27)	3:A:27:PCW:N	2:B:173:ASP:CA	6	5.66
(1,27)	3:A:27:PCW:N	2:B:173:ASP:CB	6	5.66
(1,27)	3:A:27:PCW:N	2:B:173:ASP:CG	6	5.66
(1,27)	3:A:27:PCW:N	2:B:173:ASP:H	6	5.66
(1,27)	3:A:27:PCW:N	2:B:173:ASP:N	6	5.66
(1,27)	3:A:27:PCW:N	2:B:173:ASP:O	6	5.66
(1,27)	3:A:27:PCW:N	2:B:173:ASP:OD1	6	5.66
(1,27)	3:A:27:PCW:N	2:B:173:ASP:OD2	6	5.66
(1,27)	3:A:27:PCW:N	2:B:174:GLY:C	6	5.66
(1,27)	3:A:27:PCW:N	2:B:174:GLY:CA	6	5.66
(1,27)	3:A:27:PCW:N	2:B:174:GLY:H	6	5.66
(1,27)	3:A:27:PCW:N	2:B:174:GLY:N	6	5.66
(1,27)	3:A:27:PCW:N	2:B:174:GLY:O	6	5.66
(1,27)	3:A:27:PCW:N	2:B:175:LYS:C	6	5.66
(1,27)	3:A:27:PCW:N	2:B:175:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:N	2:B:175:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:N	2:B:175:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:N	2:B:175:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:N	2:B:175:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:N	2:B:175:LYS:H	6	5.66
(1,27)	3:A:27:PCW:N	2:B:175:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:N	2:B:175:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:N	2:B:175:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:N	2:B:175:LYS:N	6	5.66
(1,27)	3:A:27:PCW:N	2:B:175:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:N	2:B:175:LYS:O	6	5.66
(1,27)	3:A:27:PCW:N	2:B:176:LYS:C	6	5.66
(1,27)	3:A:27:PCW:N	2:B:176:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:N	2:B:176:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:N	2:B:176:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:N	2:B:176:LYS:CE	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:N	2:B:176:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:N	2:B:176:LYS:H	6	5.66
(1,27)	3:A:27:PCW:N	2:B:176:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:N	2:B:176:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:N	2:B:176:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:N	2:B:176:LYS:N	6	5.66
(1,27)	3:A:27:PCW:N	2:B:176:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:N	2:B:176:LYS:O	6	5.66
(1,27)	3:A:27:PCW:N	2:B:177:LYS:C	6	5.66
(1,27)	3:A:27:PCW:N	2:B:177:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:N	2:B:177:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:N	2:B:177:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:N	2:B:177:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:N	2:B:177:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:N	2:B:177:LYS:H	6	5.66
(1,27)	3:A:27:PCW:N	2:B:177:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:N	2:B:177:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:N	2:B:177:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:N	2:B:177:LYS:N	6	5.66
(1,27)	3:A:27:PCW:N	2:B:177:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:N	2:B:177:LYS:O	6	5.66
(1,27)	3:A:27:PCW:N	2:B:178:LYS:C	6	5.66
(1,27)	3:A:27:PCW:N	2:B:178:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:N	2:B:178:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:N	2:B:178:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:N	2:B:178:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:N	2:B:178:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:N	2:B:178:LYS:H	6	5.66
(1,27)	3:A:27:PCW:N	2:B:178:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:N	2:B:178:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:N	2:B:178:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:N	2:B:178:LYS:N	6	5.66
(1,27)	3:A:27:PCW:N	2:B:178:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:N	2:B:178:LYS:O	6	5.66
(1,27)	3:A:27:PCW:N	2:B:184:LYS:C	6	5.66
(1,27)	3:A:27:PCW:N	2:B:184:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:N	2:B:184:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:N	2:B:184:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:N	2:B:184:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:N	2:B:184:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:N	2:B:184:LYS:H	6	5.66
(1,27)	3:A:27:PCW:N	2:B:184:LYS:HZ1	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:N	2:B:184:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:N	2:B:184:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:N	2:B:184:LYS:N	6	5.66
(1,27)	3:A:27:PCW:N	2:B:184:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:N	2:B:184:LYS:O	6	5.66
(1,27)	3:A:27:PCW:N	2:B:185:CYS:C	6	5.66
(1,27)	3:A:27:PCW:N	2:B:185:CYS:CA	6	5.66
(1,27)	3:A:27:PCW:N	2:B:185:CYS:CB	6	5.66
(1,27)	3:A:27:PCW:N	2:B:185:CYS:H	6	5.66
(1,27)	3:A:27:PCW:N	2:B:185:CYS:HG	6	5.66
(1,27)	3:A:27:PCW:N	2:B:185:CYS:N	6	5.66
(1,27)	3:A:27:PCW:N	2:B:185:CYS:O	6	5.66
(1,27)	3:A:27:PCW:N	2:B:185:CYS:SG	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:1:MET:C	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:1:MET:CA	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:1:MET:CB	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:1:MET:CE	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:1:MET:CG	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:1:MET:H	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:1:MET:N	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:1:MET:O	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:1:MET:SD	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:2:THR:C	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:2:THR:CA	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:2:THR:CB	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:2:THR:CG2	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:2:THR:H	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:2:THR:HG1	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:2:THR:N	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:2:THR:O	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:2:THR:OG1	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:3:GLU:C	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:3:GLU:CA	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:3:GLU:CB	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:3:GLU:CD	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:3:GLU:CG	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:3:GLU:H	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:3:GLU:N	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:3:GLU:O	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:3:GLU:OE1	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:3:GLU:OE2	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:4:TYR:C	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:O11	2:B:4:TYR:CA	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:4:TYR:CB	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:4:TYR:CD1	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:4:TYR:CD2	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:4:TYR:CE1	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:4:TYR:CE2	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:4:TYR:CG	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:4:TYR:CZ	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:4:TYR:H	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:4:TYR:HH	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:4:TYR:N	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:4:TYR:O	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:4:TYR:OH	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:47:ASP:C	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:47:ASP:CA	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:47:ASP:CB	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:47:ASP:CG	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:47:ASP:H	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:47:ASP:N	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:47:ASP:O	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:47:ASP:OD1	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:47:ASP:OD2	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:48:GLY:C	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:48:GLY:CA	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:48:GLY:H	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:48:GLY:N	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:48:GLY:O	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:49:GLU:C	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:49:GLU:CA	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:49:GLU:CB	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:49:GLU:CD	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:49:GLU:CG	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:49:GLU:H	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:49:GLU:N	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:49:GLU:O	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:49:GLU:OE1	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:49:GLU:OE2	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:50:THR:C	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:50:THR:CA	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:50:THR:CB	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:50:THR:CG2	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:50:THR:H	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:O11	2:B:50:THR:HG1	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:50:THR:N	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:50:THR:O	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:50:THR:OG1	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:51:CYS:C	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:51:CYS:CA	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:51:CYS:CB	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:51:CYS:H	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:51:CYS:HG	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:51:CYS:N	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:51:CYS:O	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:51:CYS:SG	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:105:ASP:C	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:105:ASP:CA	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:105:ASP:CB	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:105:ASP:CG	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:105:ASP:H	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:105:ASP:N	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:105:ASP:O	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:105:ASP:OD1	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:105:ASP:OD2	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:106:SER:C	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:106:SER:CA	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:106:SER:CB	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:106:SER:H	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:106:SER:HG	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:106:SER:N	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:106:SER:O	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:106:SER:OG	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:107:GLU:C	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:107:GLU:CA	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:107:GLU:CB	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:107:GLU:CD	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:107:GLU:CG	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:107:GLU:H	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:107:GLU:N	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:107:GLU:O	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:107:GLU:OE1	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:107:GLU:OE2	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:132:ASP:C	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:132:ASP:CA	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:132:ASP:CB	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:O11	2:B:132:ASP:CG	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:132:ASP:H	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:132:ASP:N	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:132:ASP:O	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:132:ASP:OD1	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:132:ASP:OD2	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:133:LEU:C	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:133:LEU:CA	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:133:LEU:CB	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:133:LEU:CD1	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:133:LEU:CD2	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:133:LEU:CG	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:133:LEU:H	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:133:LEU:N	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:133:LEU:O	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:134:ALA:C	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:134:ALA:CA	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:134:ALA:CB	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:134:ALA:H	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:134:ALA:N	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:134:ALA:O	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:137:TYR:C	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:137:TYR:CA	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:137:TYR:CB	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:137:TYR:CD1	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:137:TYR:CD2	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:137:TYR:CE1	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:137:TYR:CE2	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:137:TYR:CG	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:137:TYR:CZ	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:137:TYR:H	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:137:TYR:HH	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:137:TYR:N	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:137:TYR:O	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:137:TYR:OH	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:138:GLY:C	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:138:GLY:CA	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:138:GLY:H	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:138:GLY:N	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:138:GLY:O	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:139:ILE:C	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:139:ILE:CA	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:O11	2:B:139:ILE:CB	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:139:ILE:CD1	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:139:ILE:CG1	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:139:ILE:CG2	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:139:ILE:H	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:139:ILE:N	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:139:ILE:O	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:140:PRO:C	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:140:PRO:CA	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:140:PRO:CB	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:140:PRO:CD	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:140:PRO:CG	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:140:PRO:N	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:140:PRO:O	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:141:PHE:C	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:141:PHE:CA	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:141:PHE:CB	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:141:PHE:CD1	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:141:PHE:CD2	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:141:PHE:CE1	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:141:PHE:CE2	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:141:PHE:CG	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:141:PHE:CZ	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:141:PHE:H	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:141:PHE:N	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:141:PHE:O	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:142:ILE:C	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:142:ILE:CA	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:142:ILE:CB	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:142:ILE:CD1	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:142:ILE:CG1	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:142:ILE:CG2	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:142:ILE:H	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:142:ILE:N	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:142:ILE:O	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:143:GLU:C	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:143:GLU:CA	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:143:GLU:CB	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:143:GLU:CD	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:143:GLU:CG	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:143:GLU:H	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:143:GLU:N	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:O11	2:B:143:GLU:O	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:143:GLU:OE1	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:143:GLU:OE2	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:158:THR:C	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:158:THR:CA	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:158:THR:CB	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:158:THR:CG2	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:158:THR:H	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:158:THR:HG1	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:158:THR:N	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:158:THR:O	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:158:THR:OG1	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:159:LEU:C	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:159:LEU:CA	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:159:LEU:CB	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:159:LEU:CD1	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:159:LEU:CD2	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:159:LEU:CG	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:159:LEU:H	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:159:LEU:N	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:159:LEU:O	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:160:VAL:C	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:160:VAL:CA	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:160:VAL:CB	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:160:VAL:CG1	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:160:VAL:CG2	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:160:VAL:H	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:160:VAL:N	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:160:VAL:O	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:170:MET:C	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:170:MET:CA	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:170:MET:CB	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:170:MET:CE	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:170:MET:CG	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:170:MET:H	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:170:MET:N	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:170:MET:O	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:170:MET:SD	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:171:SER:C	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:171:SER:CA	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:171:SER:CB	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:171:SER:H	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:O11	2:B:171:SER:HG	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:171:SER:N	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:171:SER:O	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:171:SER:OG	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:172:LYS:C	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:172:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:172:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:172:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:172:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:172:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:172:LYS:H	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:172:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:172:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:172:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:172:LYS:N	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:172:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:172:LYS:O	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:173:ASP:C	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:173:ASP:CA	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:173:ASP:CB	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:173:ASP:CG	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:173:ASP:H	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:173:ASP:N	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:173:ASP:O	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:173:ASP:OD1	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:173:ASP:OD2	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:174:GLY:C	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:174:GLY:CA	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:174:GLY:H	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:174:GLY:N	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:174:GLY:O	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:175:LYS:C	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:175:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:175:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:175:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:175:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:175:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:175:LYS:H	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:175:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:175:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:175:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:175:LYS:N	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:O11	2:B:175:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:175:LYS:O	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:176:LYS:C	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:176:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:176:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:176:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:176:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:176:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:176:LYS:H	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:176:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:176:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:176:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:176:LYS:N	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:176:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:176:LYS:O	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:177:LYS:C	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:177:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:177:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:177:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:177:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:177:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:177:LYS:H	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:177:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:177:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:177:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:177:LYS:N	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:177:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:177:LYS:O	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:178:LYS:C	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:178:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:178:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:178:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:178:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:178:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:178:LYS:H	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:178:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:178:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:178:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:178:LYS:N	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:178:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:178:LYS:O	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:184:LYS:C	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:O11	2:B:184:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:184:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:184:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:184:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:184:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:184:LYS:H	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:184:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:184:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:184:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:184:LYS:N	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:184:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:184:LYS:O	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:185:CYS:C	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:185:CYS:CA	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:185:CYS:CB	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:185:CYS:H	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:185:CYS:HG	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:185:CYS:N	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:185:CYS:O	6	5.66
(1,27)	3:A:27:PCW:O11	2:B:185:CYS:SG	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:1:MET:C	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:1:MET:CA	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:1:MET:CB	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:1:MET:CE	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:1:MET:CG	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:1:MET:H	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:1:MET:N	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:1:MET:O	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:1:MET:SD	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:2:THR:C	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:2:THR:CA	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:2:THR:CB	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:2:THR:CG2	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:2:THR:H	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:2:THR:HG1	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:2:THR:N	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:2:THR:O	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:2:THR:OG1	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:3:GLU:C	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:3:GLU:CA	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:3:GLU:CB	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:3:GLU:CD	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:O2	2:B:3:GLU:CG	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:3:GLU:H	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:3:GLU:N	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:3:GLU:O	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:3:GLU:OE1	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:3:GLU:OE2	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:4:TYR:C	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:4:TYR:CA	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:4:TYR:CB	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:4:TYR:CD1	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:4:TYR:CD2	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:4:TYR:CE1	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:4:TYR:CE2	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:4:TYR:CG	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:4:TYR:CZ	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:4:TYR:H	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:4:TYR:HH	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:4:TYR:N	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:4:TYR:O	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:4:TYR:OH	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:47:ASP:C	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:47:ASP:CA	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:47:ASP:CB	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:47:ASP:CG	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:47:ASP:H	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:47:ASP:N	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:47:ASP:O	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:47:ASP:OD1	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:47:ASP:OD2	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:48:GLY:C	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:48:GLY:CA	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:48:GLY:H	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:48:GLY:N	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:48:GLY:O	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:49:GLU:C	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:49:GLU:CA	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:49:GLU:CB	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:49:GLU:CD	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:49:GLU:CG	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:49:GLU:H	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:49:GLU:N	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:49:GLU:O	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:O2	2:B:49:GLU:OE1	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:49:GLU:OE2	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:50:THR:C	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:50:THR:CA	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:50:THR:CB	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:50:THR:CG2	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:50:THR:H	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:50:THR:HG1	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:50:THR:N	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:50:THR:O	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:50:THR:OG1	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:51:CYS:C	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:51:CYS:CA	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:51:CYS:CB	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:51:CYS:H	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:51:CYS:HG	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:51:CYS:N	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:51:CYS:O	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:51:CYS:SG	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:105:ASP:C	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:105:ASP:CA	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:105:ASP:CB	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:105:ASP:CG	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:105:ASP:H	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:105:ASP:N	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:105:ASP:O	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:105:ASP:OD1	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:105:ASP:OD2	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:106:SER:C	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:106:SER:CA	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:106:SER:CB	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:106:SER:H	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:106:SER:HG	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:106:SER:N	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:106:SER:O	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:106:SER:OG	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:107:GLU:C	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:107:GLU:CA	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:107:GLU:CB	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:107:GLU:CD	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:107:GLU:CG	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:107:GLU:H	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:O2	2:B:107:GLU:N	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:107:GLU:O	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:107:GLU:OE1	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:107:GLU:OE2	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:132:ASP:C	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:132:ASP:CA	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:132:ASP:CB	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:132:ASP:CG	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:132:ASP:H	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:132:ASP:N	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:132:ASP:O	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:132:ASP:OD1	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:132:ASP:OD2	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:133:LEU:C	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:133:LEU:CA	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:133:LEU:CB	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:133:LEU:CD1	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:133:LEU:CD2	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:133:LEU:CG	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:133:LEU:H	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:133:LEU:N	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:133:LEU:O	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:134:ALA:C	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:134:ALA:CA	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:134:ALA:CB	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:134:ALA:H	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:134:ALA:N	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:134:ALA:O	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:137:TYR:C	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:137:TYR:CA	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:137:TYR:CB	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:137:TYR:CD1	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:137:TYR:CD2	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:137:TYR:CE1	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:137:TYR:CE2	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:137:TYR:CG	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:137:TYR:CZ	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:137:TYR:H	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:137:TYR:HH	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:137:TYR:N	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:137:TYR:O	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:137:TYR:OH	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:O2	2:B:138:GLY:C	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:138:GLY:CA	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:138:GLY:H	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:138:GLY:N	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:138:GLY:O	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:139:ILE:C	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:139:ILE:CA	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:139:ILE:CB	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:139:ILE:CD1	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:139:ILE:CG1	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:139:ILE:CG2	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:139:ILE:H	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:139:ILE:N	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:139:ILE:O	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:140:PRO:C	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:140:PRO:CA	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:140:PRO:CB	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:140:PRO:CD	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:140:PRO:CG	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:140:PRO:N	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:140:PRO:O	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:141:PHE:C	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:141:PHE:CA	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:141:PHE:CB	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:141:PHE:CD1	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:141:PHE:CD2	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:141:PHE:CE1	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:141:PHE:CE2	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:141:PHE:CG	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:141:PHE:CZ	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:141:PHE:H	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:141:PHE:N	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:141:PHE:O	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:142:ILE:C	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:142:ILE:CA	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:142:ILE:CB	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:142:ILE:CD1	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:142:ILE:CG1	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:142:ILE:CG2	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:142:ILE:H	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:142:ILE:N	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:142:ILE:O	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:O2	2:B:143:GLU:C	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:143:GLU:CA	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:143:GLU:CB	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:143:GLU:CD	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:143:GLU:CG	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:143:GLU:H	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:143:GLU:N	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:143:GLU:O	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:143:GLU:OE1	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:143:GLU:OE2	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:158:THR:C	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:158:THR:CA	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:158:THR:CB	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:158:THR:CG2	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:158:THR:H	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:158:THR:HG1	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:158:THR:N	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:158:THR:O	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:158:THR:OG1	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:159:LEU:C	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:159:LEU:CA	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:159:LEU:CB	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:159:LEU:CD1	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:159:LEU:CD2	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:159:LEU:CG	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:159:LEU:H	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:159:LEU:N	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:159:LEU:O	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:160:VAL:C	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:160:VAL:CA	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:160:VAL:CB	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:160:VAL:CG1	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:160:VAL:CG2	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:160:VAL:H	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:160:VAL:N	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:160:VAL:O	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:170:MET:C	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:170:MET:CA	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:170:MET:CB	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:170:MET:CE	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:170:MET:CG	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:170:MET:H	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:O2	2:B:170:MET:N	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:170:MET:O	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:170:MET:SD	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:171:SER:C	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:171:SER:CA	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:171:SER:CB	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:171:SER:H	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:171:SER:HG	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:171:SER:N	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:171:SER:O	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:171:SER:OG	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:172:LYS:C	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:172:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:172:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:172:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:172:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:172:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:172:LYS:H	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:172:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:172:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:172:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:172:LYS:N	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:172:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:172:LYS:O	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:173:ASP:C	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:173:ASP:CA	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:173:ASP:CB	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:173:ASP:CG	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:173:ASP:H	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:173:ASP:N	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:173:ASP:O	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:173:ASP:OD1	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:173:ASP:OD2	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:174:GLY:C	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:174:GLY:CA	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:174:GLY:H	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:174:GLY:N	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:174:GLY:O	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:175:LYS:C	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:175:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:175:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:175:LYS:CD	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:O2	2:B:175:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:175:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:175:LYS:H	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:175:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:175:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:175:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:175:LYS:N	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:175:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:175:LYS:O	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:176:LYS:C	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:176:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:176:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:176:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:176:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:176:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:176:LYS:H	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:176:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:176:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:176:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:176:LYS:N	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:176:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:176:LYS:O	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:177:LYS:C	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:177:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:177:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:177:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:177:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:177:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:177:LYS:H	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:177:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:177:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:177:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:177:LYS:N	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:177:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:177:LYS:O	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:178:LYS:C	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:178:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:178:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:178:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:178:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:178:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:178:LYS:H	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:O2	2:B:178:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:178:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:178:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:178:LYS:N	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:178:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:178:LYS:O	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:184:LYS:C	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:184:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:184:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:184:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:184:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:184:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:184:LYS:H	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:184:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:184:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:184:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:184:LYS:N	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:184:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:184:LYS:O	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:185:CYS:C	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:185:CYS:CA	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:185:CYS:CB	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:185:CYS:H	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:185:CYS:HG	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:185:CYS:N	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:185:CYS:O	6	5.66
(1,27)	3:A:27:PCW:O2	2:B:185:CYS:SG	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:1:MET:C	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:1:MET:CA	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:1:MET:CB	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:1:MET:CE	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:1:MET:CG	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:1:MET:H	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:1:MET:N	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:1:MET:O	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:1:MET:SD	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:2:THR:C	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:2:THR:CA	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:2:THR:CB	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:2:THR:CG2	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:2:THR:H	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:2:THR:HG1	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:O3	2:B:2:THR:N	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:2:THR:O	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:2:THR:OG1	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:3:GLU:C	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:3:GLU:CA	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:3:GLU:CB	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:3:GLU:CD	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:3:GLU:CG	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:3:GLU:H	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:3:GLU:N	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:3:GLU:O	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:3:GLU:OE1	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:3:GLU:OE2	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:4:TYR:C	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:4:TYR:CA	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:4:TYR:CB	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:4:TYR:CD1	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:4:TYR:CD2	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:4:TYR:CE1	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:4:TYR:CE2	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:4:TYR:CG	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:4:TYR:CZ	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:4:TYR:H	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:4:TYR:HH	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:4:TYR:N	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:4:TYR:O	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:4:TYR:OH	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:47:ASP:C	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:47:ASP:CA	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:47:ASP:CB	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:47:ASP:CG	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:47:ASP:H	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:47:ASP:N	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:47:ASP:O	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:47:ASP:OD1	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:47:ASP:OD2	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:48:GLY:C	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:48:GLY:CA	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:48:GLY:H	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:48:GLY:N	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:48:GLY:O	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:49:GLU:C	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:O3	2:B:49:GLU:CA	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:49:GLU:CB	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:49:GLU:CD	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:49:GLU:CG	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:49:GLU:H	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:49:GLU:N	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:49:GLU:O	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:49:GLU:OE1	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:49:GLU:OE2	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:50:THR:C	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:50:THR:CA	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:50:THR:CB	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:50:THR:CG2	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:50:THR:H	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:50:THR:HG1	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:50:THR:N	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:50:THR:O	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:50:THR:OG1	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:51:CYS:C	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:51:CYS:CA	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:51:CYS:CB	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:51:CYS:H	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:51:CYS:HG	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:51:CYS:N	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:51:CYS:O	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:51:CYS:SG	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:105:ASP:C	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:105:ASP:CA	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:105:ASP:CB	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:105:ASP:CG	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:105:ASP:H	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:105:ASP:N	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:105:ASP:O	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:105:ASP:OD1	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:105:ASP:OD2	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:106:SER:C	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:106:SER:CA	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:106:SER:CB	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:106:SER:H	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:106:SER:HG	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:106:SER:N	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:106:SER:O	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:O3	2:B:106:SER:OG	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:107:GLU:C	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:107:GLU:CA	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:107:GLU:CB	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:107:GLU:CD	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:107:GLU:CG	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:107:GLU:H	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:107:GLU:N	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:107:GLU:O	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:107:GLU:OE1	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:107:GLU:OE2	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:132:ASP:C	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:132:ASP:CA	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:132:ASP:CB	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:132:ASP:CG	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:132:ASP:H	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:132:ASP:N	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:132:ASP:O	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:132:ASP:OD1	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:132:ASP:OD2	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:133:LEU:C	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:133:LEU:CA	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:133:LEU:CB	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:133:LEU:CD1	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:133:LEU:CD2	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:133:LEU:CG	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:133:LEU:H	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:133:LEU:N	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:133:LEU:O	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:134:ALA:C	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:134:ALA:CA	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:134:ALA:CB	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:134:ALA:H	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:134:ALA:N	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:134:ALA:O	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:137:TYR:C	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:137:TYR:CA	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:137:TYR:CB	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:137:TYR:CD1	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:137:TYR:CD2	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:137:TYR:CE1	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:137:TYR:CE2	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:O3	2:B:137:TYR:CG	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:137:TYR:CZ	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:137:TYR:H	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:137:TYR:HH	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:137:TYR:N	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:137:TYR:O	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:137:TYR:OH	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:138:GLY:C	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:138:GLY:CA	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:138:GLY:H	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:138:GLY:N	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:138:GLY:O	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:139:ILE:C	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:139:ILE:CA	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:139:ILE:CB	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:139:ILE:CD1	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:139:ILE:CG1	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:139:ILE:CG2	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:139:ILE:H	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:139:ILE:N	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:139:ILE:O	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:140:PRO:C	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:140:PRO:CA	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:140:PRO:CB	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:140:PRO:CD	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:140:PRO:CG	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:140:PRO:N	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:140:PRO:O	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:141:PHE:C	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:141:PHE:CA	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:141:PHE:CB	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:141:PHE:CD1	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:141:PHE:CD2	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:141:PHE:CE1	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:141:PHE:CE2	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:141:PHE:CG	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:141:PHE:CZ	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:141:PHE:H	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:141:PHE:N	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:141:PHE:O	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:142:ILE:C	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:142:ILE:CA	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:O3	2:B:142:ILE:CB	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:142:ILE:CD1	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:142:ILE:CG1	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:142:ILE:CG2	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:142:ILE:H	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:142:ILE:N	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:142:ILE:O	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:143:GLU:C	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:143:GLU:CA	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:143:GLU:CB	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:143:GLU:CD	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:143:GLU:CG	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:143:GLU:H	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:143:GLU:N	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:143:GLU:O	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:143:GLU:OE1	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:143:GLU:OE2	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:158:THR:C	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:158:THR:CA	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:158:THR:CB	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:158:THR:CG2	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:158:THR:H	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:158:THR:HG1	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:158:THR:N	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:158:THR:O	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:158:THR:OG1	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:159:LEU:C	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:159:LEU:CA	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:159:LEU:CB	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:159:LEU:CD1	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:159:LEU:CD2	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:159:LEU:CG	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:159:LEU:H	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:159:LEU:N	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:159:LEU:O	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:160:VAL:C	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:160:VAL:CA	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:160:VAL:CB	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:160:VAL:CG1	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:160:VAL:CG2	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:160:VAL:H	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:160:VAL:N	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:O3	2:B:160:VAL:O	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:170:MET:C	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:170:MET:CA	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:170:MET:CB	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:170:MET:CE	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:170:MET:CG	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:170:MET:H	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:170:MET:N	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:170:MET:O	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:170:MET:SD	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:171:SER:C	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:171:SER:CA	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:171:SER:CB	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:171:SER:H	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:171:SER:HG	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:171:SER:N	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:171:SER:O	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:171:SER:OG	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:172:LYS:C	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:172:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:172:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:172:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:172:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:172:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:172:LYS:H	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:172:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:172:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:172:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:172:LYS:N	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:172:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:172:LYS:O	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:173:ASP:C	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:173:ASP:CA	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:173:ASP:CB	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:173:ASP:CG	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:173:ASP:H	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:173:ASP:N	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:173:ASP:O	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:173:ASP:OD1	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:173:ASP:OD2	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:174:GLY:C	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:174:GLY:CA	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:O3	2:B:174:GLY:H	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:174:GLY:N	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:174:GLY:O	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:175:LYS:C	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:175:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:175:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:175:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:175:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:175:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:175:LYS:H	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:175:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:175:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:175:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:175:LYS:N	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:175:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:175:LYS:O	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:176:LYS:C	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:176:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:176:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:176:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:176:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:176:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:176:LYS:H	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:176:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:176:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:176:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:176:LYS:N	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:176:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:176:LYS:O	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:177:LYS:C	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:177:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:177:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:177:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:177:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:177:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:177:LYS:H	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:177:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:177:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:177:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:177:LYS:N	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:177:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:177:LYS:O	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:O3	2:B:178:LYS:C	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:178:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:178:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:178:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:178:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:178:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:178:LYS:H	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:178:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:178:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:178:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:178:LYS:N	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:178:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:178:LYS:O	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:184:LYS:C	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:184:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:184:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:184:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:184:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:184:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:184:LYS:H	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:184:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:184:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:184:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:184:LYS:N	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:184:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:184:LYS:O	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:185:CYS:C	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:185:CYS:CA	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:185:CYS:CB	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:185:CYS:H	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:185:CYS:HG	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:185:CYS:N	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:185:CYS:O	6	5.66
(1,27)	3:A:27:PCW:O3	2:B:185:CYS:SG	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:1:MET:C	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:1:MET:CA	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:1:MET:CB	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:1:MET:CE	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:1:MET:CG	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:1:MET:H	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:1:MET:N	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:1:MET:O	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:O31	2:B:1:MET:SD	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:2:THR:C	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:2:THR:CA	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:2:THR:CB	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:2:THR:CG2	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:2:THR:H	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:2:THR:HG1	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:2:THR:N	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:2:THR:O	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:2:THR:OG1	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:3:GLU:C	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:3:GLU:CA	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:3:GLU:CB	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:3:GLU:CD	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:3:GLU:CG	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:3:GLU:H	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:3:GLU:N	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:3:GLU:O	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:3:GLU:OE1	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:3:GLU:OE2	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:4:TYR:C	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:4:TYR:CA	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:4:TYR:CB	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:4:TYR:CD1	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:4:TYR:CD2	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:4:TYR:CE1	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:4:TYR:CE2	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:4:TYR:CG	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:4:TYR:CZ	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:4:TYR:H	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:4:TYR:HH	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:4:TYR:N	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:4:TYR:O	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:4:TYR:OH	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:47:ASP:C	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:47:ASP:CA	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:47:ASP:CB	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:47:ASP:CG	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:47:ASP:H	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:47:ASP:N	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:47:ASP:O	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:47:ASP:OD1	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:O31	2:B:47:ASP:OD2	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:48:GLY:C	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:48:GLY:CA	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:48:GLY:H	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:48:GLY:N	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:48:GLY:O	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:49:GLU:C	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:49:GLU:CA	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:49:GLU:CB	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:49:GLU:CD	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:49:GLU:CG	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:49:GLU:H	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:49:GLU:N	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:49:GLU:O	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:49:GLU:OE1	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:49:GLU:OE2	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:50:THR:C	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:50:THR:CA	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:50:THR:CB	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:50:THR:CG2	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:50:THR:H	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:50:THR:HG1	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:50:THR:N	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:50:THR:O	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:50:THR:OG1	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:51:CYS:C	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:51:CYS:CA	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:51:CYS:CB	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:51:CYS:H	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:51:CYS:HG	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:51:CYS:N	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:51:CYS:O	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:51:CYS:SG	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:105:ASP:C	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:105:ASP:CA	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:105:ASP:CB	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:105:ASP:CG	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:105:ASP:H	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:105:ASP:N	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:105:ASP:O	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:105:ASP:OD1	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:105:ASP:OD2	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:O31	2:B:106:SER:C	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:106:SER:CA	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:106:SER:CB	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:106:SER:H	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:106:SER:HG	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:106:SER:N	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:106:SER:O	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:106:SER:OG	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:107:GLU:C	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:107:GLU:CA	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:107:GLU:CB	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:107:GLU:CD	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:107:GLU:CG	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:107:GLU:H	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:107:GLU:N	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:107:GLU:O	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:107:GLU:OE1	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:107:GLU:OE2	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:132:ASP:C	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:132:ASP:CA	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:132:ASP:CB	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:132:ASP:CG	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:132:ASP:H	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:132:ASP:N	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:132:ASP:O	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:132:ASP:OD1	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:132:ASP:OD2	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:133:LEU:C	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:133:LEU:CA	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:133:LEU:CB	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:133:LEU:CD1	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:133:LEU:CD2	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:133:LEU:CG	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:133:LEU:H	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:133:LEU:N	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:133:LEU:O	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:134:ALA:C	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:134:ALA:CA	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:134:ALA:CB	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:134:ALA:H	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:134:ALA:N	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:134:ALA:O	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:O31	2:B:137:TYR:C	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:137:TYR:CA	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:137:TYR:CB	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:137:TYR:CD1	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:137:TYR:CD2	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:137:TYR:CE1	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:137:TYR:CE2	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:137:TYR:CG	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:137:TYR:CZ	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:137:TYR:H	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:137:TYR:HH	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:137:TYR:N	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:137:TYR:O	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:137:TYR:OH	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:138:GLY:C	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:138:GLY:CA	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:138:GLY:H	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:138:GLY:N	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:138:GLY:O	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:139:ILE:C	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:139:ILE:CA	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:139:ILE:CB	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:139:ILE:CD1	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:139:ILE:CG1	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:139:ILE:CG2	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:139:ILE:H	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:139:ILE:N	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:139:ILE:O	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:140:PRO:C	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:140:PRO:CA	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:140:PRO:CB	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:140:PRO:CD	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:140:PRO:CG	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:140:PRO:N	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:140:PRO:O	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:141:PHE:C	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:141:PHE:CA	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:141:PHE:CB	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:141:PHE:CD1	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:141:PHE:CD2	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:141:PHE:CE1	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:141:PHE:CE2	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:O31	2:B:141:PHE:CG	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:141:PHE:CZ	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:141:PHE:H	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:141:PHE:N	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:141:PHE:O	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:142:ILE:C	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:142:ILE:CA	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:142:ILE:CB	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:142:ILE:CD1	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:142:ILE:CG1	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:142:ILE:CG2	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:142:ILE:H	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:142:ILE:N	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:142:ILE:O	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:143:GLU:C	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:143:GLU:CA	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:143:GLU:CB	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:143:GLU:CD	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:143:GLU:CG	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:143:GLU:H	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:143:GLU:N	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:143:GLU:O	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:143:GLU:OE1	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:143:GLU:OE2	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:158:THR:C	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:158:THR:CA	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:158:THR:CB	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:158:THR:CG2	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:158:THR:H	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:158:THR:HG1	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:158:THR:N	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:158:THR:O	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:158:THR:OG1	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:159:LEU:C	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:159:LEU:CA	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:159:LEU:CB	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:159:LEU:CD1	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:159:LEU:CD2	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:159:LEU:CG	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:159:LEU:H	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:159:LEU:N	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:159:LEU:O	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:O31	2:B:160:VAL:C	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:160:VAL:CA	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:160:VAL:CB	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:160:VAL:CG1	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:160:VAL:CG2	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:160:VAL:H	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:160:VAL:N	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:160:VAL:O	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:170:MET:C	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:170:MET:CA	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:170:MET:CB	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:170:MET:CE	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:170:MET:CG	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:170:MET:H	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:170:MET:N	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:170:MET:O	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:170:MET:SD	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:171:SER:C	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:171:SER:CA	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:171:SER:CB	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:171:SER:H	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:171:SER:HG	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:171:SER:N	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:171:SER:O	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:171:SER:OG	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:172:LYS:C	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:172:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:172:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:172:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:172:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:172:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:172:LYS:H	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:172:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:172:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:172:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:172:LYS:N	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:172:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:172:LYS:O	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:173:ASP:C	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:173:ASP:CA	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:173:ASP:CB	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:173:ASP:CG	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:O31	2:B:173:ASP:H	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:173:ASP:N	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:173:ASP:O	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:173:ASP:OD1	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:173:ASP:OD2	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:174:GLY:C	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:174:GLY:CA	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:174:GLY:H	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:174:GLY:N	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:174:GLY:O	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:175:LYS:C	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:175:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:175:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:175:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:175:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:175:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:175:LYS:H	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:175:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:175:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:175:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:175:LYS:N	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:175:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:175:LYS:O	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:176:LYS:C	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:176:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:176:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:176:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:176:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:176:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:176:LYS:H	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:176:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:176:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:176:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:176:LYS:N	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:176:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:176:LYS:O	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:177:LYS:C	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:177:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:177:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:177:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:177:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:177:LYS:CG	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:O31	2:B:177:LYS:H	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:177:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:177:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:177:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:177:LYS:N	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:177:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:177:LYS:O	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:178:LYS:C	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:178:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:178:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:178:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:178:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:178:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:178:LYS:H	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:178:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:178:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:178:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:178:LYS:N	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:178:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:178:LYS:O	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:184:LYS:C	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:184:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:184:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:184:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:184:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:184:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:184:LYS:H	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:184:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:184:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:184:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:184:LYS:N	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:184:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:184:LYS:O	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:185:CYS:C	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:185:CYS:CA	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:185:CYS:CB	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:185:CYS:H	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:185:CYS:HG	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:185:CYS:N	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:185:CYS:O	6	5.66
(1,27)	3:A:27:PCW:O31	2:B:185:CYS:SG	6	5.66
(1,27)	3:A:27:PCW:P	2:B:1:MET:C	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:P	2:B:1:MET:CA	6	5.66
(1,27)	3:A:27:PCW:P	2:B:1:MET:CB	6	5.66
(1,27)	3:A:27:PCW:P	2:B:1:MET:CE	6	5.66
(1,27)	3:A:27:PCW:P	2:B:1:MET:CG	6	5.66
(1,27)	3:A:27:PCW:P	2:B:1:MET:H	6	5.66
(1,27)	3:A:27:PCW:P	2:B:1:MET:N	6	5.66
(1,27)	3:A:27:PCW:P	2:B:1:MET:O	6	5.66
(1,27)	3:A:27:PCW:P	2:B:1:MET:SD	6	5.66
(1,27)	3:A:27:PCW:P	2:B:2:THR:C	6	5.66
(1,27)	3:A:27:PCW:P	2:B:2:THR:CA	6	5.66
(1,27)	3:A:27:PCW:P	2:B:2:THR:CB	6	5.66
(1,27)	3:A:27:PCW:P	2:B:2:THR:CG2	6	5.66
(1,27)	3:A:27:PCW:P	2:B:2:THR:H	6	5.66
(1,27)	3:A:27:PCW:P	2:B:2:THR:HG1	6	5.66
(1,27)	3:A:27:PCW:P	2:B:2:THR:N	6	5.66
(1,27)	3:A:27:PCW:P	2:B:2:THR:O	6	5.66
(1,27)	3:A:27:PCW:P	2:B:2:THR:OG1	6	5.66
(1,27)	3:A:27:PCW:P	2:B:3:GLU:C	6	5.66
(1,27)	3:A:27:PCW:P	2:B:3:GLU:CA	6	5.66
(1,27)	3:A:27:PCW:P	2:B:3:GLU:CB	6	5.66
(1,27)	3:A:27:PCW:P	2:B:3:GLU:CD	6	5.66
(1,27)	3:A:27:PCW:P	2:B:3:GLU:CG	6	5.66
(1,27)	3:A:27:PCW:P	2:B:3:GLU:H	6	5.66
(1,27)	3:A:27:PCW:P	2:B:3:GLU:N	6	5.66
(1,27)	3:A:27:PCW:P	2:B:3:GLU:O	6	5.66
(1,27)	3:A:27:PCW:P	2:B:3:GLU:OE1	6	5.66
(1,27)	3:A:27:PCW:P	2:B:3:GLU:OE2	6	5.66
(1,27)	3:A:27:PCW:P	2:B:4:TYR:C	6	5.66
(1,27)	3:A:27:PCW:P	2:B:4:TYR:CA	6	5.66
(1,27)	3:A:27:PCW:P	2:B:4:TYR:CB	6	5.66
(1,27)	3:A:27:PCW:P	2:B:4:TYR:CD1	6	5.66
(1,27)	3:A:27:PCW:P	2:B:4:TYR:CD2	6	5.66
(1,27)	3:A:27:PCW:P	2:B:4:TYR:CE1	6	5.66
(1,27)	3:A:27:PCW:P	2:B:4:TYR:CE2	6	5.66
(1,27)	3:A:27:PCW:P	2:B:4:TYR:CG	6	5.66
(1,27)	3:A:27:PCW:P	2:B:4:TYR:CZ	6	5.66
(1,27)	3:A:27:PCW:P	2:B:4:TYR:H	6	5.66
(1,27)	3:A:27:PCW:P	2:B:4:TYR:HH	6	5.66
(1,27)	3:A:27:PCW:P	2:B:4:TYR:N	6	5.66
(1,27)	3:A:27:PCW:P	2:B:4:TYR:O	6	5.66
(1,27)	3:A:27:PCW:P	2:B:4:TYR:OH	6	5.66
(1,27)	3:A:27:PCW:P	2:B:47:ASP:C	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:P	2:B:47:ASP:CA	6	5.66
(1,27)	3:A:27:PCW:P	2:B:47:ASP:CB	6	5.66
(1,27)	3:A:27:PCW:P	2:B:47:ASP:CG	6	5.66
(1,27)	3:A:27:PCW:P	2:B:47:ASP:H	6	5.66
(1,27)	3:A:27:PCW:P	2:B:47:ASP:N	6	5.66
(1,27)	3:A:27:PCW:P	2:B:47:ASP:O	6	5.66
(1,27)	3:A:27:PCW:P	2:B:47:ASP:OD1	6	5.66
(1,27)	3:A:27:PCW:P	2:B:47:ASP:OD2	6	5.66
(1,27)	3:A:27:PCW:P	2:B:48:GLY:C	6	5.66
(1,27)	3:A:27:PCW:P	2:B:48:GLY:CA	6	5.66
(1,27)	3:A:27:PCW:P	2:B:48:GLY:H	6	5.66
(1,27)	3:A:27:PCW:P	2:B:48:GLY:N	6	5.66
(1,27)	3:A:27:PCW:P	2:B:48:GLY:O	6	5.66
(1,27)	3:A:27:PCW:P	2:B:49:GLU:C	6	5.66
(1,27)	3:A:27:PCW:P	2:B:49:GLU:CA	6	5.66
(1,27)	3:A:27:PCW:P	2:B:49:GLU:CB	6	5.66
(1,27)	3:A:27:PCW:P	2:B:49:GLU:CD	6	5.66
(1,27)	3:A:27:PCW:P	2:B:49:GLU:CG	6	5.66
(1,27)	3:A:27:PCW:P	2:B:49:GLU:H	6	5.66
(1,27)	3:A:27:PCW:P	2:B:49:GLU:N	6	5.66
(1,27)	3:A:27:PCW:P	2:B:49:GLU:O	6	5.66
(1,27)	3:A:27:PCW:P	2:B:49:GLU:OE1	6	5.66
(1,27)	3:A:27:PCW:P	2:B:49:GLU:OE2	6	5.66
(1,27)	3:A:27:PCW:P	2:B:50:THR:C	6	5.66
(1,27)	3:A:27:PCW:P	2:B:50:THR:CA	6	5.66
(1,27)	3:A:27:PCW:P	2:B:50:THR:CB	6	5.66
(1,27)	3:A:27:PCW:P	2:B:50:THR:CG2	6	5.66
(1,27)	3:A:27:PCW:P	2:B:50:THR:H	6	5.66
(1,27)	3:A:27:PCW:P	2:B:50:THR:HG1	6	5.66
(1,27)	3:A:27:PCW:P	2:B:50:THR:N	6	5.66
(1,27)	3:A:27:PCW:P	2:B:50:THR:O	6	5.66
(1,27)	3:A:27:PCW:P	2:B:50:THR:OG1	6	5.66
(1,27)	3:A:27:PCW:P	2:B:51:CYS:C	6	5.66
(1,27)	3:A:27:PCW:P	2:B:51:CYS:CA	6	5.66
(1,27)	3:A:27:PCW:P	2:B:51:CYS:CB	6	5.66
(1,27)	3:A:27:PCW:P	2:B:51:CYS:H	6	5.66
(1,27)	3:A:27:PCW:P	2:B:51:CYS:HG	6	5.66
(1,27)	3:A:27:PCW:P	2:B:51:CYS:N	6	5.66
(1,27)	3:A:27:PCW:P	2:B:51:CYS:O	6	5.66
(1,27)	3:A:27:PCW:P	2:B:51:CYS:SG	6	5.66
(1,27)	3:A:27:PCW:P	2:B:105:ASP:C	6	5.66
(1,27)	3:A:27:PCW:P	2:B:105:ASP:CA	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:P	2:B:105:ASP:CB	6	5.66
(1,27)	3:A:27:PCW:P	2:B:105:ASP:CG	6	5.66
(1,27)	3:A:27:PCW:P	2:B:105:ASP:H	6	5.66
(1,27)	3:A:27:PCW:P	2:B:105:ASP:N	6	5.66
(1,27)	3:A:27:PCW:P	2:B:105:ASP:O	6	5.66
(1,27)	3:A:27:PCW:P	2:B:105:ASP:OD1	6	5.66
(1,27)	3:A:27:PCW:P	2:B:105:ASP:OD2	6	5.66
(1,27)	3:A:27:PCW:P	2:B:106:SER:C	6	5.66
(1,27)	3:A:27:PCW:P	2:B:106:SER:CA	6	5.66
(1,27)	3:A:27:PCW:P	2:B:106:SER:CB	6	5.66
(1,27)	3:A:27:PCW:P	2:B:106:SER:H	6	5.66
(1,27)	3:A:27:PCW:P	2:B:106:SER:HG	6	5.66
(1,27)	3:A:27:PCW:P	2:B:106:SER:N	6	5.66
(1,27)	3:A:27:PCW:P	2:B:106:SER:O	6	5.66
(1,27)	3:A:27:PCW:P	2:B:106:SER:OG	6	5.66
(1,27)	3:A:27:PCW:P	2:B:107:GLU:C	6	5.66
(1,27)	3:A:27:PCW:P	2:B:107:GLU:CA	6	5.66
(1,27)	3:A:27:PCW:P	2:B:107:GLU:CB	6	5.66
(1,27)	3:A:27:PCW:P	2:B:107:GLU:CD	6	5.66
(1,27)	3:A:27:PCW:P	2:B:107:GLU:CG	6	5.66
(1,27)	3:A:27:PCW:P	2:B:107:GLU:H	6	5.66
(1,27)	3:A:27:PCW:P	2:B:107:GLU:N	6	5.66
(1,27)	3:A:27:PCW:P	2:B:107:GLU:O	6	5.66
(1,27)	3:A:27:PCW:P	2:B:107:GLU:OE1	6	5.66
(1,27)	3:A:27:PCW:P	2:B:107:GLU:OE2	6	5.66
(1,27)	3:A:27:PCW:P	2:B:132:ASP:C	6	5.66
(1,27)	3:A:27:PCW:P	2:B:132:ASP:CA	6	5.66
(1,27)	3:A:27:PCW:P	2:B:132:ASP:CB	6	5.66
(1,27)	3:A:27:PCW:P	2:B:132:ASP:CG	6	5.66
(1,27)	3:A:27:PCW:P	2:B:132:ASP:H	6	5.66
(1,27)	3:A:27:PCW:P	2:B:132:ASP:N	6	5.66
(1,27)	3:A:27:PCW:P	2:B:132:ASP:O	6	5.66
(1,27)	3:A:27:PCW:P	2:B:132:ASP:OD1	6	5.66
(1,27)	3:A:27:PCW:P	2:B:132:ASP:OD2	6	5.66
(1,27)	3:A:27:PCW:P	2:B:133:LEU:C	6	5.66
(1,27)	3:A:27:PCW:P	2:B:133:LEU:CA	6	5.66
(1,27)	3:A:27:PCW:P	2:B:133:LEU:CB	6	5.66
(1,27)	3:A:27:PCW:P	2:B:133:LEU:CD1	6	5.66
(1,27)	3:A:27:PCW:P	2:B:133:LEU:CD2	6	5.66
(1,27)	3:A:27:PCW:P	2:B:133:LEU:CG	6	5.66
(1,27)	3:A:27:PCW:P	2:B:133:LEU:H	6	5.66
(1,27)	3:A:27:PCW:P	2:B:133:LEU:N	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:P	2:B:133:LEU:O	6	5.66
(1,27)	3:A:27:PCW:P	2:B:134:ALA:C	6	5.66
(1,27)	3:A:27:PCW:P	2:B:134:ALA:CA	6	5.66
(1,27)	3:A:27:PCW:P	2:B:134:ALA:CB	6	5.66
(1,27)	3:A:27:PCW:P	2:B:134:ALA:H	6	5.66
(1,27)	3:A:27:PCW:P	2:B:134:ALA:N	6	5.66
(1,27)	3:A:27:PCW:P	2:B:134:ALA:O	6	5.66
(1,27)	3:A:27:PCW:P	2:B:137:TYR:C	6	5.66
(1,27)	3:A:27:PCW:P	2:B:137:TYR:CA	6	5.66
(1,27)	3:A:27:PCW:P	2:B:137:TYR:CB	6	5.66
(1,27)	3:A:27:PCW:P	2:B:137:TYR:CD1	6	5.66
(1,27)	3:A:27:PCW:P	2:B:137:TYR:CD2	6	5.66
(1,27)	3:A:27:PCW:P	2:B:137:TYR:CE1	6	5.66
(1,27)	3:A:27:PCW:P	2:B:137:TYR:CE2	6	5.66
(1,27)	3:A:27:PCW:P	2:B:137:TYR:CG	6	5.66
(1,27)	3:A:27:PCW:P	2:B:137:TYR:CZ	6	5.66
(1,27)	3:A:27:PCW:P	2:B:137:TYR:H	6	5.66
(1,27)	3:A:27:PCW:P	2:B:137:TYR:HH	6	5.66
(1,27)	3:A:27:PCW:P	2:B:137:TYR:N	6	5.66
(1,27)	3:A:27:PCW:P	2:B:137:TYR:O	6	5.66
(1,27)	3:A:27:PCW:P	2:B:137:TYR:OH	6	5.66
(1,27)	3:A:27:PCW:P	2:B:138:GLY:C	6	5.66
(1,27)	3:A:27:PCW:P	2:B:138:GLY:CA	6	5.66
(1,27)	3:A:27:PCW:P	2:B:138:GLY:H	6	5.66
(1,27)	3:A:27:PCW:P	2:B:138:GLY:N	6	5.66
(1,27)	3:A:27:PCW:P	2:B:138:GLY:O	6	5.66
(1,27)	3:A:27:PCW:P	2:B:139:ILE:C	6	5.66
(1,27)	3:A:27:PCW:P	2:B:139:ILE:CA	6	5.66
(1,27)	3:A:27:PCW:P	2:B:139:ILE:CB	6	5.66
(1,27)	3:A:27:PCW:P	2:B:139:ILE:CD1	6	5.66
(1,27)	3:A:27:PCW:P	2:B:139:ILE:CG1	6	5.66
(1,27)	3:A:27:PCW:P	2:B:139:ILE:CG2	6	5.66
(1,27)	3:A:27:PCW:P	2:B:139:ILE:H	6	5.66
(1,27)	3:A:27:PCW:P	2:B:139:ILE:N	6	5.66
(1,27)	3:A:27:PCW:P	2:B:139:ILE:O	6	5.66
(1,27)	3:A:27:PCW:P	2:B:140:PRO:C	6	5.66
(1,27)	3:A:27:PCW:P	2:B:140:PRO:CA	6	5.66
(1,27)	3:A:27:PCW:P	2:B:140:PRO:CB	6	5.66
(1,27)	3:A:27:PCW:P	2:B:140:PRO:CD	6	5.66
(1,27)	3:A:27:PCW:P	2:B:140:PRO:CG	6	5.66
(1,27)	3:A:27:PCW:P	2:B:140:PRO:N	6	5.66
(1,27)	3:A:27:PCW:P	2:B:140:PRO:O	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:P	2:B:141:PHE:C	6	5.66
(1,27)	3:A:27:PCW:P	2:B:141:PHE:CA	6	5.66
(1,27)	3:A:27:PCW:P	2:B:141:PHE:CB	6	5.66
(1,27)	3:A:27:PCW:P	2:B:141:PHE:CD1	6	5.66
(1,27)	3:A:27:PCW:P	2:B:141:PHE:CD2	6	5.66
(1,27)	3:A:27:PCW:P	2:B:141:PHE:CE1	6	5.66
(1,27)	3:A:27:PCW:P	2:B:141:PHE:CE2	6	5.66
(1,27)	3:A:27:PCW:P	2:B:141:PHE:CG	6	5.66
(1,27)	3:A:27:PCW:P	2:B:141:PHE:CZ	6	5.66
(1,27)	3:A:27:PCW:P	2:B:141:PHE:H	6	5.66
(1,27)	3:A:27:PCW:P	2:B:141:PHE:N	6	5.66
(1,27)	3:A:27:PCW:P	2:B:141:PHE:O	6	5.66
(1,27)	3:A:27:PCW:P	2:B:142:ILE:C	6	5.66
(1,27)	3:A:27:PCW:P	2:B:142:ILE:CA	6	5.66
(1,27)	3:A:27:PCW:P	2:B:142:ILE:CB	6	5.66
(1,27)	3:A:27:PCW:P	2:B:142:ILE:CD1	6	5.66
(1,27)	3:A:27:PCW:P	2:B:142:ILE:CG1	6	5.66
(1,27)	3:A:27:PCW:P	2:B:142:ILE:CG2	6	5.66
(1,27)	3:A:27:PCW:P	2:B:142:ILE:H	6	5.66
(1,27)	3:A:27:PCW:P	2:B:142:ILE:N	6	5.66
(1,27)	3:A:27:PCW:P	2:B:142:ILE:O	6	5.66
(1,27)	3:A:27:PCW:P	2:B:143:GLU:C	6	5.66
(1,27)	3:A:27:PCW:P	2:B:143:GLU:CA	6	5.66
(1,27)	3:A:27:PCW:P	2:B:143:GLU:CB	6	5.66
(1,27)	3:A:27:PCW:P	2:B:143:GLU:CD	6	5.66
(1,27)	3:A:27:PCW:P	2:B:143:GLU:CG	6	5.66
(1,27)	3:A:27:PCW:P	2:B:143:GLU:H	6	5.66
(1,27)	3:A:27:PCW:P	2:B:143:GLU:N	6	5.66
(1,27)	3:A:27:PCW:P	2:B:143:GLU:O	6	5.66
(1,27)	3:A:27:PCW:P	2:B:143:GLU:OE1	6	5.66
(1,27)	3:A:27:PCW:P	2:B:143:GLU:OE2	6	5.66
(1,27)	3:A:27:PCW:P	2:B:158:THR:C	6	5.66
(1,27)	3:A:27:PCW:P	2:B:158:THR:CA	6	5.66
(1,27)	3:A:27:PCW:P	2:B:158:THR:CB	6	5.66
(1,27)	3:A:27:PCW:P	2:B:158:THR:CG2	6	5.66
(1,27)	3:A:27:PCW:P	2:B:158:THR:H	6	5.66
(1,27)	3:A:27:PCW:P	2:B:158:THR:HG1	6	5.66
(1,27)	3:A:27:PCW:P	2:B:158:THR:N	6	5.66
(1,27)	3:A:27:PCW:P	2:B:158:THR:O	6	5.66
(1,27)	3:A:27:PCW:P	2:B:158:THR:OG1	6	5.66
(1,27)	3:A:27:PCW:P	2:B:159:LEU:C	6	5.66
(1,27)	3:A:27:PCW:P	2:B:159:LEU:CA	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:P	2:B:159:LEU:CB	6	5.66
(1,27)	3:A:27:PCW:P	2:B:159:LEU:CD1	6	5.66
(1,27)	3:A:27:PCW:P	2:B:159:LEU:CD2	6	5.66
(1,27)	3:A:27:PCW:P	2:B:159:LEU:CG	6	5.66
(1,27)	3:A:27:PCW:P	2:B:159:LEU:H	6	5.66
(1,27)	3:A:27:PCW:P	2:B:159:LEU:N	6	5.66
(1,27)	3:A:27:PCW:P	2:B:159:LEU:O	6	5.66
(1,27)	3:A:27:PCW:P	2:B:160:VAL:C	6	5.66
(1,27)	3:A:27:PCW:P	2:B:160:VAL:CA	6	5.66
(1,27)	3:A:27:PCW:P	2:B:160:VAL:CB	6	5.66
(1,27)	3:A:27:PCW:P	2:B:160:VAL:CG1	6	5.66
(1,27)	3:A:27:PCW:P	2:B:160:VAL:CG2	6	5.66
(1,27)	3:A:27:PCW:P	2:B:160:VAL:H	6	5.66
(1,27)	3:A:27:PCW:P	2:B:160:VAL:N	6	5.66
(1,27)	3:A:27:PCW:P	2:B:160:VAL:O	6	5.66
(1,27)	3:A:27:PCW:P	2:B:170:MET:C	6	5.66
(1,27)	3:A:27:PCW:P	2:B:170:MET:CA	6	5.66
(1,27)	3:A:27:PCW:P	2:B:170:MET:CB	6	5.66
(1,27)	3:A:27:PCW:P	2:B:170:MET:CE	6	5.66
(1,27)	3:A:27:PCW:P	2:B:170:MET:CG	6	5.66
(1,27)	3:A:27:PCW:P	2:B:170:MET:H	6	5.66
(1,27)	3:A:27:PCW:P	2:B:170:MET:N	6	5.66
(1,27)	3:A:27:PCW:P	2:B:170:MET:O	6	5.66
(1,27)	3:A:27:PCW:P	2:B:170:MET:SD	6	5.66
(1,27)	3:A:27:PCW:P	2:B:171:SER:C	6	5.66
(1,27)	3:A:27:PCW:P	2:B:171:SER:CA	6	5.66
(1,27)	3:A:27:PCW:P	2:B:171:SER:CB	6	5.66
(1,27)	3:A:27:PCW:P	2:B:171:SER:H	6	5.66
(1,27)	3:A:27:PCW:P	2:B:171:SER:HG	6	5.66
(1,27)	3:A:27:PCW:P	2:B:171:SER:N	6	5.66
(1,27)	3:A:27:PCW:P	2:B:171:SER:O	6	5.66
(1,27)	3:A:27:PCW:P	2:B:171:SER:OG	6	5.66
(1,27)	3:A:27:PCW:P	2:B:172:LYS:C	6	5.66
(1,27)	3:A:27:PCW:P	2:B:172:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:P	2:B:172:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:P	2:B:172:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:P	2:B:172:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:P	2:B:172:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:P	2:B:172:LYS:H	6	5.66
(1,27)	3:A:27:PCW:P	2:B:172:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:P	2:B:172:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:P	2:B:172:LYS:HZ3	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:P	2:B:172:LYS:N	6	5.66
(1,27)	3:A:27:PCW:P	2:B:172:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:P	2:B:172:LYS:O	6	5.66
(1,27)	3:A:27:PCW:P	2:B:173:ASP:C	6	5.66
(1,27)	3:A:27:PCW:P	2:B:173:ASP:CA	6	5.66
(1,27)	3:A:27:PCW:P	2:B:173:ASP:CB	6	5.66
(1,27)	3:A:27:PCW:P	2:B:173:ASP:CG	6	5.66
(1,27)	3:A:27:PCW:P	2:B:173:ASP:H	6	5.66
(1,27)	3:A:27:PCW:P	2:B:173:ASP:N	6	5.66
(1,27)	3:A:27:PCW:P	2:B:173:ASP:O	6	5.66
(1,27)	3:A:27:PCW:P	2:B:173:ASP:OD1	6	5.66
(1,27)	3:A:27:PCW:P	2:B:173:ASP:OD2	6	5.66
(1,27)	3:A:27:PCW:P	2:B:174:GLY:C	6	5.66
(1,27)	3:A:27:PCW:P	2:B:174:GLY:CA	6	5.66
(1,27)	3:A:27:PCW:P	2:B:174:GLY:H	6	5.66
(1,27)	3:A:27:PCW:P	2:B:174:GLY:N	6	5.66
(1,27)	3:A:27:PCW:P	2:B:174:GLY:O	6	5.66
(1,27)	3:A:27:PCW:P	2:B:175:LYS:C	6	5.66
(1,27)	3:A:27:PCW:P	2:B:175:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:P	2:B:175:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:P	2:B:175:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:P	2:B:175:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:P	2:B:175:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:P	2:B:175:LYS:H	6	5.66
(1,27)	3:A:27:PCW:P	2:B:175:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:P	2:B:175:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:P	2:B:175:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:P	2:B:175:LYS:N	6	5.66
(1,27)	3:A:27:PCW:P	2:B:175:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:P	2:B:175:LYS:O	6	5.66
(1,27)	3:A:27:PCW:P	2:B:176:LYS:C	6	5.66
(1,27)	3:A:27:PCW:P	2:B:176:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:P	2:B:176:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:P	2:B:176:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:P	2:B:176:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:P	2:B:176:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:P	2:B:176:LYS:H	6	5.66
(1,27)	3:A:27:PCW:P	2:B:176:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:P	2:B:176:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:P	2:B:176:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:P	2:B:176:LYS:N	6	5.66
(1,27)	3:A:27:PCW:P	2:B:176:LYS:NZ	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:P	2:B:176:LYS:O	6	5.66
(1,27)	3:A:27:PCW:P	2:B:177:LYS:C	6	5.66
(1,27)	3:A:27:PCW:P	2:B:177:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:P	2:B:177:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:P	2:B:177:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:P	2:B:177:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:P	2:B:177:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:P	2:B:177:LYS:H	6	5.66
(1,27)	3:A:27:PCW:P	2:B:177:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:P	2:B:177:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:P	2:B:177:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:P	2:B:177:LYS:N	6	5.66
(1,27)	3:A:27:PCW:P	2:B:177:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:P	2:B:177:LYS:O	6	5.66
(1,27)	3:A:27:PCW:P	2:B:178:LYS:C	6	5.66
(1,27)	3:A:27:PCW:P	2:B:178:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:P	2:B:178:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:P	2:B:178:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:P	2:B:178:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:P	2:B:178:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:P	2:B:178:LYS:H	6	5.66
(1,27)	3:A:27:PCW:P	2:B:178:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:P	2:B:178:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:P	2:B:178:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:P	2:B:178:LYS:N	6	5.66
(1,27)	3:A:27:PCW:P	2:B:178:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:P	2:B:178:LYS:O	6	5.66
(1,27)	3:A:27:PCW:P	2:B:184:LYS:C	6	5.66
(1,27)	3:A:27:PCW:P	2:B:184:LYS:CA	6	5.66
(1,27)	3:A:27:PCW:P	2:B:184:LYS:CB	6	5.66
(1,27)	3:A:27:PCW:P	2:B:184:LYS:CD	6	5.66
(1,27)	3:A:27:PCW:P	2:B:184:LYS:CE	6	5.66
(1,27)	3:A:27:PCW:P	2:B:184:LYS:CG	6	5.66
(1,27)	3:A:27:PCW:P	2:B:184:LYS:H	6	5.66
(1,27)	3:A:27:PCW:P	2:B:184:LYS:HZ1	6	5.66
(1,27)	3:A:27:PCW:P	2:B:184:LYS:HZ2	6	5.66
(1,27)	3:A:27:PCW:P	2:B:184:LYS:HZ3	6	5.66
(1,27)	3:A:27:PCW:P	2:B:184:LYS:N	6	5.66
(1,27)	3:A:27:PCW:P	2:B:184:LYS:NZ	6	5.66
(1,27)	3:A:27:PCW:P	2:B:184:LYS:O	6	5.66
(1,27)	3:A:27:PCW:P	2:B:185:CYS:C	6	5.66
(1,27)	3:A:27:PCW:P	2:B:185:CYS:CA	6	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,27)	3:A:27:PCW:P	2:B:185:CYS:CB	6	5.66
(1,27)	3:A:27:PCW:P	2:B:185:CYS:H	6	5.66
(1,27)	3:A:27:PCW:P	2:B:185:CYS:HG	6	5.66
(1,27)	3:A:27:PCW:P	2:B:185:CYS:N	6	5.66
(1,27)	3:A:27:PCW:P	2:B:185:CYS:O	6	5.66
(1,27)	3:A:27:PCW:P	2:B:185:CYS:SG	6	5.66
(1,8)	3:A:8:PCW:C11	2:B:1:MET:C	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:1:MET:CA	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:1:MET:CB	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:1:MET:CE	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:1:MET:CG	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:1:MET:H	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:1:MET:N	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:1:MET:O	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:1:MET:SD	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:2:THR:C	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:2:THR:CA	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:2:THR:CB	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:2:THR:CG2	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:2:THR:H	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:2:THR:HG1	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:2:THR:N	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:2:THR:O	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:2:THR:OG1	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:3:GLU:C	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:3:GLU:CA	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:3:GLU:CB	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:3:GLU:CD	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:3:GLU:CG	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:3:GLU:H	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:3:GLU:N	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:3:GLU:O	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:3:GLU:OE1	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:3:GLU:OE2	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:4:TYR:C	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:4:TYR:CA	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:4:TYR:CB	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:4:TYR:CD1	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:4:TYR:CD2	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:4:TYR:CE1	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:4:TYR:CE2	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:4:TYR:CG	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C11	2:B:4:TYR:CZ	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:4:TYR:H	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:4:TYR:HH	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:4:TYR:N	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:4:TYR:O	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:4:TYR:OH	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:47:ASP:C	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:47:ASP:CA	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:47:ASP:CB	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:47:ASP:CG	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:47:ASP:H	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:47:ASP:N	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:47:ASP:O	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:47:ASP:OD1	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:47:ASP:OD2	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:48:GLY:C	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:48:GLY:CA	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:48:GLY:H	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:48:GLY:N	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:48:GLY:O	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:49:GLU:C	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:49:GLU:CA	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:49:GLU:CB	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:49:GLU:CD	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:49:GLU:CG	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:49:GLU:H	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:49:GLU:N	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:49:GLU:O	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:49:GLU:OE1	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:49:GLU:OE2	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:50:THR:C	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:50:THR:CA	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:50:THR:CB	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:50:THR:CG2	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:50:THR:H	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:50:THR:HG1	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:50:THR:N	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:50:THR:O	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:50:THR:OG1	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:51:CYS:C	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:51:CYS:CA	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:51:CYS:CB	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C11	2:B:51:CYS:H	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:51:CYS:HG	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:51:CYS:N	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:51:CYS:O	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:51:CYS:SG	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:105:ASP:C	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:105:ASP:CA	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:105:ASP:CB	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:105:ASP:CG	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:105:ASP:H	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:105:ASP:N	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:105:ASP:O	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:105:ASP:OD1	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:105:ASP:OD2	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:106:SER:C	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:106:SER:CA	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:106:SER:CB	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:106:SER:H	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:106:SER:HG	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:106:SER:N	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:106:SER:O	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:106:SER:OG	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:107:GLU:C	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:107:GLU:CA	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:107:GLU:CB	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:107:GLU:CD	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:107:GLU:CG	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:107:GLU:H	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:107:GLU:N	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:107:GLU:O	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:107:GLU:OE1	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:107:GLU:OE2	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:132:ASP:C	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:132:ASP:CA	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:132:ASP:CB	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:132:ASP:CG	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:132:ASP:H	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:132:ASP:N	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:132:ASP:O	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:132:ASP:OD1	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:132:ASP:OD2	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:133:LEU:C	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C11	2:B:133:LEU:CA	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:133:LEU:CB	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:133:LEU:CD1	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:133:LEU:CD2	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:133:LEU:CG	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:133:LEU:H	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:133:LEU:N	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:133:LEU:O	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:134:ALA:C	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:134:ALA:CA	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:134:ALA:CB	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:134:ALA:H	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:134:ALA:N	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:134:ALA:O	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:137:TYR:C	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:137:TYR:CA	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:137:TYR:CB	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:137:TYR:CD1	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:137:TYR:CD2	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:137:TYR:CE1	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:137:TYR:CE2	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:137:TYR:CG	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:137:TYR:CZ	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:137:TYR:H	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:137:TYR:HH	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:137:TYR:N	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:137:TYR:O	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:137:TYR:OH	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:138:GLY:C	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:138:GLY:CA	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:138:GLY:H	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:138:GLY:N	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:138:GLY:O	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:139:ILE:C	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:139:ILE:CA	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:139:ILE:CB	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:139:ILE:CD1	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:139:ILE:CG1	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:139:ILE:CG2	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:139:ILE:H	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:139:ILE:N	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:139:ILE:O	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C11	2:B:140:PRO:C	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:140:PRO:CA	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:140:PRO:CB	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:140:PRO:CD	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:140:PRO:CG	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:140:PRO:N	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:140:PRO:O	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:141:PHE:C	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:141:PHE:CA	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:141:PHE:CB	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:141:PHE:CD1	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:141:PHE:CD2	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:141:PHE:CE1	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:141:PHE:CE2	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:141:PHE:CG	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:141:PHE:CZ	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:141:PHE:H	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:141:PHE:N	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:141:PHE:O	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:142:ILE:C	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:142:ILE:CA	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:142:ILE:CB	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:142:ILE:CD1	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:142:ILE:CG1	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:142:ILE:CG2	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:142:ILE:H	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:142:ILE:N	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:142:ILE:O	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:143:GLU:C	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:143:GLU:CA	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:143:GLU:CB	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:143:GLU:CD	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:143:GLU:CG	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:143:GLU:H	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:143:GLU:N	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:143:GLU:O	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:143:GLU:OE1	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:143:GLU:OE2	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:158:THR:C	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:158:THR:CA	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:158:THR:CB	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:158:THR:CG2	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C11	2:B:158:THR:H	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:158:THR:HG1	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:158:THR:N	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:158:THR:O	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:158:THR:OG1	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:159:LEU:C	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:159:LEU:CA	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:159:LEU:CB	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:159:LEU:CD1	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:159:LEU:CD2	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:159:LEU:CG	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:159:LEU:H	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:159:LEU:N	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:159:LEU:O	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:160:VAL:C	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:160:VAL:CA	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:160:VAL:CB	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:160:VAL:CG1	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:160:VAL:CG2	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:160:VAL:H	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:160:VAL:N	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:160:VAL:O	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:170:MET:C	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:170:MET:CA	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:170:MET:CB	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:170:MET:CE	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:170:MET:CG	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:170:MET:H	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:170:MET:N	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:170:MET:O	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:170:MET:SD	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:171:SER:C	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:171:SER:CA	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:171:SER:CB	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:171:SER:H	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:171:SER:HG	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:171:SER:N	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:171:SER:O	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:171:SER:OG	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:172:LYS:C	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:172:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:172:LYS:CB	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C11	2:B:172:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:172:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:172:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:172:LYS:H	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:172:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:172:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:172:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:172:LYS:N	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:172:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:172:LYS:O	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:173:ASP:C	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:173:ASP:CA	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:173:ASP:CB	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:173:ASP:CG	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:173:ASP:H	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:173:ASP:N	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:173:ASP:O	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:173:ASP:OD1	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:173:ASP:OD2	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:174:GLY:C	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:174:GLY:CA	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:174:GLY:H	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:174:GLY:N	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:174:GLY:O	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:175:LYS:C	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:175:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:175:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:175:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:175:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:175:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:175:LYS:H	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:175:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:175:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:175:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:175:LYS:N	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:175:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:175:LYS:O	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:176:LYS:C	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:176:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:176:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:176:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:176:LYS:CE	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C11	2:B:176:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:176:LYS:H	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:176:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:176:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:176:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:176:LYS:N	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:176:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:176:LYS:O	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:177:LYS:C	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:177:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:177:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:177:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:177:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:177:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:177:LYS:H	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:177:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:177:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:177:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:177:LYS:N	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:177:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:177:LYS:O	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:178:LYS:C	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:178:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:178:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:178:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:178:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:178:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:178:LYS:H	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:178:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:178:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:178:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:178:LYS:N	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:178:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:178:LYS:O	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:184:LYS:C	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:184:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:184:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:184:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:184:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:184:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:184:LYS:H	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:184:LYS:HZ1	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C11	2:B:184:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:184:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:184:LYS:N	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:184:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:184:LYS:O	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:185:CYS:C	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:185:CYS:CA	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:185:CYS:CB	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:185:CYS:H	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:185:CYS:HG	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:185:CYS:N	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:185:CYS:O	6	5.38
(1,8)	3:A:8:PCW:C11	2:B:185:CYS:SG	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:1:MET:C	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:1:MET:CA	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:1:MET:CB	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:1:MET:CE	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:1:MET:CG	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:1:MET:H	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:1:MET:N	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:1:MET:O	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:1:MET:SD	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:2:THR:C	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:2:THR:CA	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:2:THR:CB	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:2:THR:CG2	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:2:THR:H	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:2:THR:HG1	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:2:THR:N	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:2:THR:O	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:2:THR:OG1	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:3:GLU:C	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:3:GLU:CA	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:3:GLU:CB	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:3:GLU:CD	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:3:GLU:CG	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:3:GLU:H	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:3:GLU:N	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:3:GLU:O	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:3:GLU:OE1	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:3:GLU:OE2	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:4:TYR:C	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C12	2:B:4:TYR:CA	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:4:TYR:CB	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:4:TYR:CD1	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:4:TYR:CD2	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:4:TYR:CE1	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:4:TYR:CE2	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:4:TYR:CG	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:4:TYR:CZ	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:4:TYR:H	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:4:TYR:HH	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:4:TYR:N	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:4:TYR:O	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:4:TYR:OH	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:47:ASP:C	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:47:ASP:CA	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:47:ASP:CB	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:47:ASP:CG	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:47:ASP:H	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:47:ASP:N	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:47:ASP:O	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:47:ASP:OD1	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:47:ASP:OD2	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:48:GLY:C	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:48:GLY:CA	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:48:GLY:H	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:48:GLY:N	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:48:GLY:O	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:49:GLU:C	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:49:GLU:CA	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:49:GLU:CB	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:49:GLU:CD	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:49:GLU:CG	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:49:GLU:H	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:49:GLU:N	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:49:GLU:O	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:49:GLU:OE1	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:49:GLU:OE2	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:50:THR:C	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:50:THR:CA	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:50:THR:CB	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:50:THR:CG2	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:50:THR:H	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C12	2:B:50:THR:HG1	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:50:THR:N	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:50:THR:O	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:50:THR:OG1	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:51:CYS:C	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:51:CYS:CA	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:51:CYS:CB	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:51:CYS:H	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:51:CYS:HG	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:51:CYS:N	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:51:CYS:O	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:51:CYS:SG	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:105:ASP:C	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:105:ASP:CA	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:105:ASP:CB	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:105:ASP:CG	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:105:ASP:H	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:105:ASP:N	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:105:ASP:O	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:105:ASP:OD1	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:105:ASP:OD2	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:106:SER:C	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:106:SER:CA	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:106:SER:CB	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:106:SER:H	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:106:SER:HG	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:106:SER:N	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:106:SER:O	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:106:SER:OG	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:107:GLU:C	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:107:GLU:CA	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:107:GLU:CB	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:107:GLU:CD	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:107:GLU:CG	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:107:GLU:H	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:107:GLU:N	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:107:GLU:O	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:107:GLU:OE1	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:107:GLU:OE2	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:132:ASP:C	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:132:ASP:CA	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:132:ASP:CB	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C12	2:B:132:ASP:CG	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:132:ASP:H	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:132:ASP:N	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:132:ASP:O	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:132:ASP:OD1	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:132:ASP:OD2	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:133:LEU:C	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:133:LEU:CA	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:133:LEU:CB	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:133:LEU:CD1	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:133:LEU:CD2	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:133:LEU:CG	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:133:LEU:H	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:133:LEU:N	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:133:LEU:O	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:134:ALA:C	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:134:ALA:CA	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:134:ALA:CB	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:134:ALA:H	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:134:ALA:N	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:134:ALA:O	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:137:TYR:C	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:137:TYR:CA	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:137:TYR:CB	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:137:TYR:CD1	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:137:TYR:CD2	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:137:TYR:CE1	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:137:TYR:CE2	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:137:TYR:CG	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:137:TYR:CZ	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:137:TYR:H	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:137:TYR:HH	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:137:TYR:N	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:137:TYR:O	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:137:TYR:OH	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:138:GLY:C	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:138:GLY:CA	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:138:GLY:H	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:138:GLY:N	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:138:GLY:O	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:139:ILE:C	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:139:ILE:CA	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C12	2:B:139:ILE:CB	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:139:ILE:CD1	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:139:ILE:CG1	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:139:ILE:CG2	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:139:ILE:H	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:139:ILE:N	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:139:ILE:O	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:140:PRO:C	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:140:PRO:CA	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:140:PRO:CB	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:140:PRO:CD	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:140:PRO:CG	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:140:PRO:N	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:140:PRO:O	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:141:PHE:C	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:141:PHE:CA	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:141:PHE:CB	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:141:PHE:CD1	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:141:PHE:CD2	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:141:PHE:CE1	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:141:PHE:CE2	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:141:PHE:CG	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:141:PHE:CZ	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:141:PHE:H	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:141:PHE:N	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:141:PHE:O	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:142:ILE:C	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:142:ILE:CA	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:142:ILE:CB	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:142:ILE:CD1	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:142:ILE:CG1	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:142:ILE:CG2	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:142:ILE:H	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:142:ILE:N	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:142:ILE:O	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:143:GLU:C	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:143:GLU:CA	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:143:GLU:CB	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:143:GLU:CD	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:143:GLU:CG	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:143:GLU:H	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:143:GLU:N	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C12	2:B:143:GLU:O	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:143:GLU:OE1	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:143:GLU:OE2	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:158:THR:C	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:158:THR:CA	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:158:THR:CB	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:158:THR:CG2	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:158:THR:H	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:158:THR:HG1	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:158:THR:N	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:158:THR:O	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:158:THR:OG1	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:159:LEU:C	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:159:LEU:CA	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:159:LEU:CB	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:159:LEU:CD1	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:159:LEU:CD2	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:159:LEU:CG	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:159:LEU:H	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:159:LEU:N	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:159:LEU:O	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:160:VAL:C	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:160:VAL:CA	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:160:VAL:CB	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:160:VAL:CG1	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:160:VAL:CG2	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:160:VAL:H	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:160:VAL:N	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:160:VAL:O	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:170:MET:C	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:170:MET:CA	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:170:MET:CB	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:170:MET:CE	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:170:MET:CG	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:170:MET:H	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:170:MET:N	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:170:MET:O	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:170:MET:SD	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:171:SER:C	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:171:SER:CA	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:171:SER:CB	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:171:SER:H	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C12	2:B:171:SER:HG	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:171:SER:N	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:171:SER:O	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:171:SER:OG	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:172:LYS:C	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:172:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:172:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:172:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:172:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:172:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:172:LYS:H	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:172:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:172:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:172:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:172:LYS:N	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:172:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:172:LYS:O	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:173:ASP:C	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:173:ASP:CA	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:173:ASP:CB	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:173:ASP:CG	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:173:ASP:H	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:173:ASP:N	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:173:ASP:O	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:173:ASP:OD1	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:173:ASP:OD2	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:174:GLY:C	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:174:GLY:CA	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:174:GLY:H	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:174:GLY:N	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:174:GLY:O	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:175:LYS:C	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:175:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:175:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:175:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:175:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:175:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:175:LYS:H	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:175:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:175:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:175:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:175:LYS:N	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C12	2:B:175:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:175:LYS:O	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:176:LYS:C	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:176:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:176:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:176:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:176:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:176:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:176:LYS:H	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:176:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:176:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:176:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:176:LYS:N	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:176:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:176:LYS:O	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:177:LYS:C	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:177:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:177:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:177:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:177:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:177:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:177:LYS:H	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:177:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:177:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:177:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:177:LYS:N	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:177:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:177:LYS:O	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:178:LYS:C	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:178:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:178:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:178:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:178:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:178:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:178:LYS:H	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:178:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:178:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:178:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:178:LYS:N	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:178:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:178:LYS:O	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:184:LYS:C	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C12	2:B:184:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:184:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:184:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:184:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:184:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:184:LYS:H	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:184:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:184:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:184:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:184:LYS:N	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:184:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:184:LYS:O	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:185:CYS:C	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:185:CYS:CA	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:185:CYS:CB	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:185:CYS:H	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:185:CYS:HG	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:185:CYS:N	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:185:CYS:O	6	5.38
(1,8)	3:A:8:PCW:C12	2:B:185:CYS:SG	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:1:MET:C	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:1:MET:CA	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:1:MET:CB	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:1:MET:CE	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:1:MET:CG	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:1:MET:H	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:1:MET:N	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:1:MET:O	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:1:MET:SD	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:2:THR:C	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:2:THR:CA	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:2:THR:CB	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:2:THR:CG2	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:2:THR:H	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:2:THR:HG1	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:2:THR:N	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:2:THR:O	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:2:THR:OG1	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:3:GLU:C	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:3:GLU:CA	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:3:GLU:CB	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:3:GLU:CD	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C13	2:B:3:GLU:CG	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:3:GLU:H	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:3:GLU:N	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:3:GLU:O	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:3:GLU:OE1	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:3:GLU:OE2	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:4:TYR:C	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:4:TYR:CA	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:4:TYR:CB	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:4:TYR:CD1	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:4:TYR:CD2	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:4:TYR:CE1	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:4:TYR:CE2	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:4:TYR:CG	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:4:TYR:CZ	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:4:TYR:H	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:4:TYR:HH	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:4:TYR:N	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:4:TYR:O	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:4:TYR:OH	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:47:ASP:C	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:47:ASP:CA	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:47:ASP:CB	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:47:ASP:CG	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:47:ASP:H	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:47:ASP:N	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:47:ASP:O	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:47:ASP:OD1	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:47:ASP:OD2	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:48:GLY:C	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:48:GLY:CA	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:48:GLY:H	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:48:GLY:N	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:48:GLY:O	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:49:GLU:C	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:49:GLU:CA	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:49:GLU:CB	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:49:GLU:CD	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:49:GLU:CG	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:49:GLU:H	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:49:GLU:N	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:49:GLU:O	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C13	2:B:49:GLU:OE1	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:49:GLU:OE2	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:50:THR:C	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:50:THR:CA	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:50:THR:CB	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:50:THR:CG2	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:50:THR:H	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:50:THR:HG1	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:50:THR:N	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:50:THR:O	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:50:THR:OG1	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:51:CYS:C	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:51:CYS:CA	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:51:CYS:CB	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:51:CYS:H	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:51:CYS:HG	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:51:CYS:N	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:51:CYS:O	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:51:CYS:SG	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:105:ASP:C	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:105:ASP:CA	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:105:ASP:CB	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:105:ASP:CG	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:105:ASP:H	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:105:ASP:N	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:105:ASP:O	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:105:ASP:OD1	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:105:ASP:OD2	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:106:SER:C	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:106:SER:CA	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:106:SER:CB	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:106:SER:H	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:106:SER:HG	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:106:SER:N	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:106:SER:O	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:106:SER:OG	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:107:GLU:C	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:107:GLU:CA	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:107:GLU:CB	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:107:GLU:CD	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:107:GLU:CG	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:107:GLU:H	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C13	2:B:107:GLU:N	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:107:GLU:O	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:107:GLU:OE1	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:107:GLU:OE2	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:132:ASP:C	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:132:ASP:CA	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:132:ASP:CB	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:132:ASP:CG	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:132:ASP:H	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:132:ASP:N	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:132:ASP:O	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:132:ASP:OD1	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:132:ASP:OD2	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:133:LEU:C	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:133:LEU:CA	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:133:LEU:CB	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:133:LEU:CD1	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:133:LEU:CD2	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:133:LEU:CG	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:133:LEU:H	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:133:LEU:N	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:133:LEU:O	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:134:ALA:C	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:134:ALA:CA	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:134:ALA:CB	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:134:ALA:H	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:134:ALA:N	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:134:ALA:O	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:137:TYR:C	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:137:TYR:CA	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:137:TYR:CB	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:137:TYR:CD1	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:137:TYR:CD2	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:137:TYR:CE1	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:137:TYR:CE2	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:137:TYR:CG	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:137:TYR:CZ	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:137:TYR:H	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:137:TYR:HH	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:137:TYR:N	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:137:TYR:O	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:137:TYR:OH	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C13	2:B:138:GLY:C	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:138:GLY:CA	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:138:GLY:H	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:138:GLY:N	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:138:GLY:O	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:139:ILE:C	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:139:ILE:CA	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:139:ILE:CB	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:139:ILE:CD1	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:139:ILE:CG1	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:139:ILE:CG2	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:139:ILE:H	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:139:ILE:N	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:139:ILE:O	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:140:PRO:C	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:140:PRO:CA	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:140:PRO:CB	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:140:PRO:CD	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:140:PRO:CG	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:140:PRO:N	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:140:PRO:O	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:141:PHE:C	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:141:PHE:CA	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:141:PHE:CB	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:141:PHE:CD1	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:141:PHE:CD2	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:141:PHE:CE1	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:141:PHE:CE2	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:141:PHE:CG	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:141:PHE:CZ	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:141:PHE:H	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:141:PHE:N	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:141:PHE:O	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:142:ILE:C	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:142:ILE:CA	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:142:ILE:CB	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:142:ILE:CD1	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:142:ILE:CG1	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:142:ILE:CG2	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:142:ILE:H	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:142:ILE:N	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:142:ILE:O	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C13	2:B:143:GLU:C	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:143:GLU:CA	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:143:GLU:CB	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:143:GLU:CD	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:143:GLU:CG	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:143:GLU:H	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:143:GLU:N	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:143:GLU:O	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:143:GLU:OE1	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:143:GLU:OE2	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:158:THR:C	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:158:THR:CA	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:158:THR:CB	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:158:THR:CG2	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:158:THR:H	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:158:THR:HG1	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:158:THR:N	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:158:THR:O	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:158:THR:OG1	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:159:LEU:C	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:159:LEU:CA	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:159:LEU:CB	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:159:LEU:CD1	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:159:LEU:CD2	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:159:LEU:CG	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:159:LEU:H	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:159:LEU:N	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:159:LEU:O	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:160:VAL:C	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:160:VAL:CA	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:160:VAL:CB	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:160:VAL:CG1	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:160:VAL:CG2	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:160:VAL:H	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:160:VAL:N	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:160:VAL:O	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:170:MET:C	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:170:MET:CA	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:170:MET:CB	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:170:MET:CE	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:170:MET:CG	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:170:MET:H	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C13	2:B:170:MET:N	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:170:MET:O	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:170:MET:SD	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:171:SER:C	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:171:SER:CA	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:171:SER:CB	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:171:SER:H	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:171:SER:HG	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:171:SER:N	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:171:SER:O	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:171:SER:OG	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:172:LYS:C	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:172:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:172:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:172:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:172:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:172:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:172:LYS:H	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:172:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:172:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:172:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:172:LYS:N	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:172:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:172:LYS:O	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:173:ASP:C	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:173:ASP:CA	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:173:ASP:CB	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:173:ASP:CG	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:173:ASP:H	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:173:ASP:N	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:173:ASP:O	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:173:ASP:OD1	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:173:ASP:OD2	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:174:GLY:C	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:174:GLY:CA	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:174:GLY:H	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:174:GLY:N	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:174:GLY:O	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:175:LYS:C	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:175:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:175:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:175:LYS:CD	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C13	2:B:175:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:175:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:175:LYS:H	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:175:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:175:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:175:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:175:LYS:N	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:175:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:175:LYS:O	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:176:LYS:C	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:176:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:176:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:176:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:176:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:176:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:176:LYS:H	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:176:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:176:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:176:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:176:LYS:N	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:176:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:176:LYS:O	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:177:LYS:C	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:177:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:177:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:177:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:177:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:177:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:177:LYS:H	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:177:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:177:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:177:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:177:LYS:N	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:177:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:177:LYS:O	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:178:LYS:C	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:178:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:178:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:178:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:178:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:178:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:178:LYS:H	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C13	2:B:178:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:178:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:178:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:178:LYS:N	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:178:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:178:LYS:O	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:184:LYS:C	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:184:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:184:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:184:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:184:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:184:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:184:LYS:H	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:184:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:184:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:184:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:184:LYS:N	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:184:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:184:LYS:O	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:185:CYS:C	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:185:CYS:CA	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:185:CYS:CB	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:185:CYS:H	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:185:CYS:HG	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:185:CYS:N	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:185:CYS:O	6	5.38
(1,8)	3:A:8:PCW:C13	2:B:185:CYS:SG	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:1:MET:C	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:1:MET:CA	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:1:MET:CB	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:1:MET:CE	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:1:MET:CG	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:1:MET:H	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:1:MET:N	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:1:MET:O	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:1:MET:SD	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:2:THR:C	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:2:THR:CA	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:2:THR:CB	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:2:THR:CG2	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:2:THR:H	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:2:THR:HG1	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C14	2:B:2:THR:N	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:2:THR:O	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:2:THR:OG1	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:3:GLU:C	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:3:GLU:CA	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:3:GLU:CB	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:3:GLU:CD	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:3:GLU:CG	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:3:GLU:H	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:3:GLU:N	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:3:GLU:O	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:3:GLU:OE1	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:3:GLU:OE2	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:4:TYR:C	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:4:TYR:CA	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:4:TYR:CB	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:4:TYR:CD1	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:4:TYR:CD2	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:4:TYR:CE1	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:4:TYR:CE2	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:4:TYR:CG	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:4:TYR:CZ	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:4:TYR:H	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:4:TYR:HH	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:4:TYR:N	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:4:TYR:O	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:4:TYR:OH	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:47:ASP:C	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:47:ASP:CA	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:47:ASP:CB	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:47:ASP:CG	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:47:ASP:H	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:47:ASP:N	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:47:ASP:O	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:47:ASP:OD1	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:47:ASP:OD2	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:48:GLY:C	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:48:GLY:CA	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:48:GLY:H	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:48:GLY:N	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:48:GLY:O	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:49:GLU:C	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C14	2:B:49:GLU:CA	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:49:GLU:CB	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:49:GLU:CD	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:49:GLU:CG	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:49:GLU:H	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:49:GLU:N	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:49:GLU:O	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:49:GLU:OE1	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:49:GLU:OE2	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:50:THR:C	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:50:THR:CA	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:50:THR:CB	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:50:THR:CG2	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:50:THR:H	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:50:THR:HG1	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:50:THR:N	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:50:THR:O	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:50:THR:OG1	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:51:CYS:C	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:51:CYS:CA	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:51:CYS:CB	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:51:CYS:H	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:51:CYS:HG	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:51:CYS:N	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:51:CYS:O	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:51:CYS:SG	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:105:ASP:C	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:105:ASP:CA	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:105:ASP:CB	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:105:ASP:CG	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:105:ASP:H	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:105:ASP:N	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:105:ASP:O	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:105:ASP:OD1	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:105:ASP:OD2	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:106:SER:C	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:106:SER:CA	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:106:SER:CB	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:106:SER:H	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:106:SER:HG	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:106:SER:N	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:106:SER:O	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C14	2:B:106:SER:OG	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:107:GLU:C	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:107:GLU:CA	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:107:GLU:CB	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:107:GLU:CD	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:107:GLU:CG	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:107:GLU:H	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:107:GLU:N	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:107:GLU:O	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:107:GLU:OE1	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:107:GLU:OE2	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:132:ASP:C	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:132:ASP:CA	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:132:ASP:CB	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:132:ASP:CG	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:132:ASP:H	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:132:ASP:N	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:132:ASP:O	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:132:ASP:OD1	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:132:ASP:OD2	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:133:LEU:C	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:133:LEU:CA	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:133:LEU:CB	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:133:LEU:CD1	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:133:LEU:CD2	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:133:LEU:CG	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:133:LEU:H	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:133:LEU:N	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:133:LEU:O	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:134:ALA:C	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:134:ALA:CA	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:134:ALA:CB	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:134:ALA:H	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:134:ALA:N	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:134:ALA:O	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:137:TYR:C	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:137:TYR:CA	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:137:TYR:CB	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:137:TYR:CD1	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:137:TYR:CD2	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:137:TYR:CE1	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:137:TYR:CE2	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C14	2:B:137:TYR:CG	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:137:TYR:CZ	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:137:TYR:H	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:137:TYR:HH	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:137:TYR:N	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:137:TYR:O	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:137:TYR:OH	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:138:GLY:C	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:138:GLY:CA	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:138:GLY:H	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:138:GLY:N	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:138:GLY:O	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:139:ILE:C	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:139:ILE:CA	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:139:ILE:CB	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:139:ILE:CD1	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:139:ILE:CG1	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:139:ILE:CG2	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:139:ILE:H	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:139:ILE:N	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:139:ILE:O	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:140:PRO:C	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:140:PRO:CA	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:140:PRO:CB	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:140:PRO:CD	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:140:PRO:CG	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:140:PRO:N	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:140:PRO:O	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:141:PHE:C	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:141:PHE:CA	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:141:PHE:CB	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:141:PHE:CD1	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:141:PHE:CD2	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:141:PHE:CE1	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:141:PHE:CE2	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:141:PHE:CG	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:141:PHE:CZ	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:141:PHE:H	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:141:PHE:N	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:141:PHE:O	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:142:ILE:C	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:142:ILE:CA	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C14	2:B:142:ILE:CB	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:142:ILE:CD1	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:142:ILE:CG1	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:142:ILE:CG2	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:142:ILE:H	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:142:ILE:N	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:142:ILE:O	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:143:GLU:C	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:143:GLU:CA	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:143:GLU:CB	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:143:GLU:CD	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:143:GLU:CG	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:143:GLU:H	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:143:GLU:N	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:143:GLU:O	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:143:GLU:OE1	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:143:GLU:OE2	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:158:THR:C	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:158:THR:CA	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:158:THR:CB	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:158:THR:CG2	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:158:THR:H	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:158:THR:HG1	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:158:THR:N	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:158:THR:O	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:158:THR:OG1	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:159:LEU:C	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:159:LEU:CA	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:159:LEU:CB	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:159:LEU:CD1	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:159:LEU:CD2	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:159:LEU:CG	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:159:LEU:H	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:159:LEU:N	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:159:LEU:O	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:160:VAL:C	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:160:VAL:CA	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:160:VAL:CB	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:160:VAL:CG1	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:160:VAL:CG2	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:160:VAL:H	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:160:VAL:N	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C14	2:B:160:VAL:O	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:170:MET:C	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:170:MET:CA	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:170:MET:CB	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:170:MET:CE	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:170:MET:CG	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:170:MET:H	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:170:MET:N	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:170:MET:O	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:170:MET:SD	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:171:SER:C	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:171:SER:CA	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:171:SER:CB	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:171:SER:H	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:171:SER:HG	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:171:SER:N	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:171:SER:O	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:171:SER:OG	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:172:LYS:C	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:172:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:172:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:172:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:172:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:172:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:172:LYS:H	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:172:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:172:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:172:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:172:LYS:N	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:172:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:172:LYS:O	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:173:ASP:C	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:173:ASP:CA	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:173:ASP:CB	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:173:ASP:CG	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:173:ASP:H	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:173:ASP:N	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:173:ASP:O	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:173:ASP:OD1	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:173:ASP:OD2	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:174:GLY:C	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:174:GLY:CA	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C14	2:B:174:GLY:H	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:174:GLY:N	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:174:GLY:O	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:175:LYS:C	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:175:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:175:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:175:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:175:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:175:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:175:LYS:H	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:175:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:175:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:175:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:175:LYS:N	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:175:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:175:LYS:O	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:176:LYS:C	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:176:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:176:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:176:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:176:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:176:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:176:LYS:H	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:176:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:176:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:176:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:176:LYS:N	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:176:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:176:LYS:O	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:177:LYS:C	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:177:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:177:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:177:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:177:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:177:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:177:LYS:H	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:177:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:177:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:177:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:177:LYS:N	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:177:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:177:LYS:O	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C14	2:B:178:LYS:C	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:178:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:178:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:178:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:178:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:178:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:178:LYS:H	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:178:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:178:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:178:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:178:LYS:N	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:178:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:178:LYS:O	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:184:LYS:C	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:184:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:184:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:184:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:184:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:184:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:184:LYS:H	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:184:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:184:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:184:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:184:LYS:N	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:184:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:184:LYS:O	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:185:CYS:C	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:185:CYS:CA	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:185:CYS:CB	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:185:CYS:H	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:185:CYS:HG	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:185:CYS:N	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:185:CYS:O	6	5.38
(1,8)	3:A:8:PCW:C14	2:B:185:CYS:SG	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:1:MET:C	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:1:MET:CA	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:1:MET:CB	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:1:MET:CE	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:1:MET:CG	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:1:MET:H	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:1:MET:N	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:1:MET:O	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C15	2:B:1:MET:SD	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:2:THR:C	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:2:THR:CA	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:2:THR:CB	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:2:THR:CG2	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:2:THR:H	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:2:THR:HG1	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:2:THR:N	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:2:THR:O	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:2:THR:OG1	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:3:GLU:C	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:3:GLU:CA	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:3:GLU:CB	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:3:GLU:CD	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:3:GLU:CG	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:3:GLU:H	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:3:GLU:N	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:3:GLU:O	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:3:GLU:OE1	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:3:GLU:OE2	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:4:TYR:C	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:4:TYR:CA	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:4:TYR:CB	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:4:TYR:CD1	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:4:TYR:CD2	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:4:TYR:CE1	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:4:TYR:CE2	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:4:TYR:CG	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:4:TYR:CZ	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:4:TYR:H	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:4:TYR:HH	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:4:TYR:N	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:4:TYR:O	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:4:TYR:OH	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:47:ASP:C	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:47:ASP:CA	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:47:ASP:CB	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:47:ASP:CG	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:47:ASP:H	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:47:ASP:N	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:47:ASP:O	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:47:ASP:OD1	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C15	2:B:47:ASP:OD2	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:48:GLY:C	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:48:GLY:CA	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:48:GLY:H	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:48:GLY:N	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:48:GLY:O	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:49:GLU:C	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:49:GLU:CA	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:49:GLU:CB	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:49:GLU:CD	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:49:GLU:CG	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:49:GLU:H	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:49:GLU:N	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:49:GLU:O	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:49:GLU:OE1	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:49:GLU:OE2	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:50:THR:C	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:50:THR:CA	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:50:THR:CB	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:50:THR:CG2	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:50:THR:H	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:50:THR:HG1	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:50:THR:N	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:50:THR:O	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:50:THR:OG1	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:51:CYS:C	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:51:CYS:CA	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:51:CYS:CB	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:51:CYS:H	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:51:CYS:HG	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:51:CYS:N	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:51:CYS:O	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:51:CYS:SG	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:105:ASP:C	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:105:ASP:CA	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:105:ASP:CB	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:105:ASP:CG	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:105:ASP:H	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:105:ASP:N	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:105:ASP:O	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:105:ASP:OD1	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:105:ASP:OD2	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C15	2:B:106:SER:C	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:106:SER:CA	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:106:SER:CB	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:106:SER:H	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:106:SER:HG	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:106:SER:N	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:106:SER:O	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:106:SER:OG	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:107:GLU:C	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:107:GLU:CA	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:107:GLU:CB	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:107:GLU:CD	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:107:GLU:CG	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:107:GLU:H	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:107:GLU:N	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:107:GLU:O	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:107:GLU:OE1	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:107:GLU:OE2	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:132:ASP:C	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:132:ASP:CA	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:132:ASP:CB	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:132:ASP:CG	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:132:ASP:H	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:132:ASP:N	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:132:ASP:O	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:132:ASP:OD1	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:132:ASP:OD2	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:133:LEU:C	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:133:LEU:CA	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:133:LEU:CB	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:133:LEU:CD1	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:133:LEU:CD2	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:133:LEU:CG	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:133:LEU:H	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:133:LEU:N	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:133:LEU:O	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:134:ALA:C	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:134:ALA:CA	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:134:ALA:CB	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:134:ALA:H	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:134:ALA:N	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:134:ALA:O	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C15	2:B:137:TYR:C	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:137:TYR:CA	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:137:TYR:CB	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:137:TYR:CD1	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:137:TYR:CD2	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:137:TYR:CE1	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:137:TYR:CE2	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:137:TYR:CG	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:137:TYR:CZ	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:137:TYR:H	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:137:TYR:HH	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:137:TYR:N	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:137:TYR:O	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:137:TYR:OH	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:138:GLY:C	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:138:GLY:CA	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:138:GLY:H	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:138:GLY:N	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:138:GLY:O	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:139:ILE:C	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:139:ILE:CA	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:139:ILE:CB	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:139:ILE:CD1	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:139:ILE:CG1	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:139:ILE:CG2	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:139:ILE:H	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:139:ILE:N	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:139:ILE:O	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:140:PRO:C	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:140:PRO:CA	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:140:PRO:CB	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:140:PRO:CD	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:140:PRO:CG	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:140:PRO:N	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:140:PRO:O	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:141:PHE:C	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:141:PHE:CA	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:141:PHE:CB	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:141:PHE:CD1	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:141:PHE:CD2	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:141:PHE:CE1	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:141:PHE:CE2	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C15	2:B:141:PHE:CG	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:141:PHE:CZ	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:141:PHE:H	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:141:PHE:N	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:141:PHE:O	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:142:ILE:C	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:142:ILE:CA	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:142:ILE:CB	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:142:ILE:CD1	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:142:ILE:CG1	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:142:ILE:CG2	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:142:ILE:H	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:142:ILE:N	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:142:ILE:O	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:143:GLU:C	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:143:GLU:CA	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:143:GLU:CB	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:143:GLU:CD	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:143:GLU:CG	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:143:GLU:H	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:143:GLU:N	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:143:GLU:O	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:143:GLU:OE1	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:143:GLU:OE2	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:158:THR:C	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:158:THR:CA	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:158:THR:CB	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:158:THR:CG2	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:158:THR:H	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:158:THR:HG1	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:158:THR:N	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:158:THR:O	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:158:THR:OG1	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:159:LEU:C	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:159:LEU:CA	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:159:LEU:CB	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:159:LEU:CD1	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:159:LEU:CD2	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:159:LEU:CG	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:159:LEU:H	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:159:LEU:N	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:159:LEU:O	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C15	2:B:160:VAL:C	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:160:VAL:CA	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:160:VAL:CB	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:160:VAL:CG1	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:160:VAL:CG2	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:160:VAL:H	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:160:VAL:N	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:160:VAL:O	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:170:MET:C	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:170:MET:CA	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:170:MET:CB	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:170:MET:CE	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:170:MET:CG	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:170:MET:H	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:170:MET:N	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:170:MET:O	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:170:MET:SD	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:171:SER:C	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:171:SER:CA	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:171:SER:CB	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:171:SER:H	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:171:SER:HG	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:171:SER:N	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:171:SER:O	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:171:SER:OG	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:172:LYS:C	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:172:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:172:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:172:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:172:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:172:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:172:LYS:H	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:172:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:172:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:172:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:172:LYS:N	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:172:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:172:LYS:O	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:173:ASP:C	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:173:ASP:CA	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:173:ASP:CB	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:173:ASP:CG	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C15	2:B:173:ASP:H	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:173:ASP:N	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:173:ASP:O	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:173:ASP:OD1	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:173:ASP:OD2	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:174:GLY:C	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:174:GLY:CA	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:174:GLY:H	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:174:GLY:N	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:174:GLY:O	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:175:LYS:C	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:175:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:175:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:175:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:175:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:175:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:175:LYS:H	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:175:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:175:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:175:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:175:LYS:N	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:175:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:175:LYS:O	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:176:LYS:C	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:176:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:176:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:176:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:176:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:176:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:176:LYS:H	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:176:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:176:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:176:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:176:LYS:N	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:176:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:176:LYS:O	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:177:LYS:C	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:177:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:177:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:177:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:177:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:177:LYS:CG	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C15	2:B:177:LYS:H	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:177:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:177:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:177:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:177:LYS:N	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:177:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:177:LYS:O	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:178:LYS:C	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:178:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:178:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:178:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:178:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:178:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:178:LYS:H	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:178:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:178:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:178:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:178:LYS:N	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:178:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:178:LYS:O	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:184:LYS:C	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:184:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:184:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:184:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:184:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:184:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:184:LYS:H	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:184:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:184:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:184:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:184:LYS:N	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:184:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:184:LYS:O	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:185:CYS:C	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:185:CYS:CA	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:185:CYS:CB	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:185:CYS:H	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:185:CYS:HG	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:185:CYS:N	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:185:CYS:O	6	5.38
(1,8)	3:A:8:PCW:C15	2:B:185:CYS:SG	6	5.38
(1,8)	3:A:8:PCW:N	2:B:1:MET:C	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:N	2:B:1:MET:CA	6	5.38
(1,8)	3:A:8:PCW:N	2:B:1:MET:CB	6	5.38
(1,8)	3:A:8:PCW:N	2:B:1:MET:CE	6	5.38
(1,8)	3:A:8:PCW:N	2:B:1:MET:CG	6	5.38
(1,8)	3:A:8:PCW:N	2:B:1:MET:H	6	5.38
(1,8)	3:A:8:PCW:N	2:B:1:MET:N	6	5.38
(1,8)	3:A:8:PCW:N	2:B:1:MET:O	6	5.38
(1,8)	3:A:8:PCW:N	2:B:1:MET:SD	6	5.38
(1,8)	3:A:8:PCW:N	2:B:2:THR:C	6	5.38
(1,8)	3:A:8:PCW:N	2:B:2:THR:CA	6	5.38
(1,8)	3:A:8:PCW:N	2:B:2:THR:CB	6	5.38
(1,8)	3:A:8:PCW:N	2:B:2:THR:CG2	6	5.38
(1,8)	3:A:8:PCW:N	2:B:2:THR:H	6	5.38
(1,8)	3:A:8:PCW:N	2:B:2:THR:HG1	6	5.38
(1,8)	3:A:8:PCW:N	2:B:2:THR:N	6	5.38
(1,8)	3:A:8:PCW:N	2:B:2:THR:O	6	5.38
(1,8)	3:A:8:PCW:N	2:B:2:THR:OG1	6	5.38
(1,8)	3:A:8:PCW:N	2:B:3:GLU:C	6	5.38
(1,8)	3:A:8:PCW:N	2:B:3:GLU:CA	6	5.38
(1,8)	3:A:8:PCW:N	2:B:3:GLU:CB	6	5.38
(1,8)	3:A:8:PCW:N	2:B:3:GLU:CD	6	5.38
(1,8)	3:A:8:PCW:N	2:B:3:GLU:CG	6	5.38
(1,8)	3:A:8:PCW:N	2:B:3:GLU:H	6	5.38
(1,8)	3:A:8:PCW:N	2:B:3:GLU:N	6	5.38
(1,8)	3:A:8:PCW:N	2:B:3:GLU:O	6	5.38
(1,8)	3:A:8:PCW:N	2:B:3:GLU:OE1	6	5.38
(1,8)	3:A:8:PCW:N	2:B:3:GLU:OE2	6	5.38
(1,8)	3:A:8:PCW:N	2:B:4:TYR:C	6	5.38
(1,8)	3:A:8:PCW:N	2:B:4:TYR:CA	6	5.38
(1,8)	3:A:8:PCW:N	2:B:4:TYR:CB	6	5.38
(1,8)	3:A:8:PCW:N	2:B:4:TYR:CD1	6	5.38
(1,8)	3:A:8:PCW:N	2:B:4:TYR:CD2	6	5.38
(1,8)	3:A:8:PCW:N	2:B:4:TYR:CE1	6	5.38
(1,8)	3:A:8:PCW:N	2:B:4:TYR:CE2	6	5.38
(1,8)	3:A:8:PCW:N	2:B:4:TYR:CG	6	5.38
(1,8)	3:A:8:PCW:N	2:B:4:TYR:CZ	6	5.38
(1,8)	3:A:8:PCW:N	2:B:4:TYR:H	6	5.38
(1,8)	3:A:8:PCW:N	2:B:4:TYR:HH	6	5.38
(1,8)	3:A:8:PCW:N	2:B:4:TYR:N	6	5.38
(1,8)	3:A:8:PCW:N	2:B:4:TYR:O	6	5.38
(1,8)	3:A:8:PCW:N	2:B:4:TYR:OH	6	5.38
(1,8)	3:A:8:PCW:N	2:B:47:ASP:C	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:N	2:B:47:ASP:CA	6	5.38
(1,8)	3:A:8:PCW:N	2:B:47:ASP:CB	6	5.38
(1,8)	3:A:8:PCW:N	2:B:47:ASP:CG	6	5.38
(1,8)	3:A:8:PCW:N	2:B:47:ASP:H	6	5.38
(1,8)	3:A:8:PCW:N	2:B:47:ASP:N	6	5.38
(1,8)	3:A:8:PCW:N	2:B:47:ASP:O	6	5.38
(1,8)	3:A:8:PCW:N	2:B:47:ASP:OD1	6	5.38
(1,8)	3:A:8:PCW:N	2:B:47:ASP:OD2	6	5.38
(1,8)	3:A:8:PCW:N	2:B:48:GLY:C	6	5.38
(1,8)	3:A:8:PCW:N	2:B:48:GLY:CA	6	5.38
(1,8)	3:A:8:PCW:N	2:B:48:GLY:H	6	5.38
(1,8)	3:A:8:PCW:N	2:B:48:GLY:N	6	5.38
(1,8)	3:A:8:PCW:N	2:B:48:GLY:O	6	5.38
(1,8)	3:A:8:PCW:N	2:B:49:GLU:C	6	5.38
(1,8)	3:A:8:PCW:N	2:B:49:GLU:CA	6	5.38
(1,8)	3:A:8:PCW:N	2:B:49:GLU:CB	6	5.38
(1,8)	3:A:8:PCW:N	2:B:49:GLU:CD	6	5.38
(1,8)	3:A:8:PCW:N	2:B:49:GLU:CG	6	5.38
(1,8)	3:A:8:PCW:N	2:B:49:GLU:H	6	5.38
(1,8)	3:A:8:PCW:N	2:B:49:GLU:N	6	5.38
(1,8)	3:A:8:PCW:N	2:B:49:GLU:O	6	5.38
(1,8)	3:A:8:PCW:N	2:B:49:GLU:OE1	6	5.38
(1,8)	3:A:8:PCW:N	2:B:49:GLU:OE2	6	5.38
(1,8)	3:A:8:PCW:N	2:B:50:THR:C	6	5.38
(1,8)	3:A:8:PCW:N	2:B:50:THR:CA	6	5.38
(1,8)	3:A:8:PCW:N	2:B:50:THR:CB	6	5.38
(1,8)	3:A:8:PCW:N	2:B:50:THR:CG2	6	5.38
(1,8)	3:A:8:PCW:N	2:B:50:THR:H	6	5.38
(1,8)	3:A:8:PCW:N	2:B:50:THR:HG1	6	5.38
(1,8)	3:A:8:PCW:N	2:B:50:THR:N	6	5.38
(1,8)	3:A:8:PCW:N	2:B:50:THR:O	6	5.38
(1,8)	3:A:8:PCW:N	2:B:50:THR:OG1	6	5.38
(1,8)	3:A:8:PCW:N	2:B:51:CYS:C	6	5.38
(1,8)	3:A:8:PCW:N	2:B:51:CYS:CA	6	5.38
(1,8)	3:A:8:PCW:N	2:B:51:CYS:CB	6	5.38
(1,8)	3:A:8:PCW:N	2:B:51:CYS:H	6	5.38
(1,8)	3:A:8:PCW:N	2:B:51:CYS:HG	6	5.38
(1,8)	3:A:8:PCW:N	2:B:51:CYS:N	6	5.38
(1,8)	3:A:8:PCW:N	2:B:51:CYS:O	6	5.38
(1,8)	3:A:8:PCW:N	2:B:51:CYS:SG	6	5.38
(1,8)	3:A:8:PCW:N	2:B:105:ASP:C	6	5.38
(1,8)	3:A:8:PCW:N	2:B:105:ASP:CA	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:N	2:B:105:ASP:CB	6	5.38
(1,8)	3:A:8:PCW:N	2:B:105:ASP:CG	6	5.38
(1,8)	3:A:8:PCW:N	2:B:105:ASP:H	6	5.38
(1,8)	3:A:8:PCW:N	2:B:105:ASP:N	6	5.38
(1,8)	3:A:8:PCW:N	2:B:105:ASP:O	6	5.38
(1,8)	3:A:8:PCW:N	2:B:105:ASP:OD1	6	5.38
(1,8)	3:A:8:PCW:N	2:B:105:ASP:OD2	6	5.38
(1,8)	3:A:8:PCW:N	2:B:106:SER:C	6	5.38
(1,8)	3:A:8:PCW:N	2:B:106:SER:CA	6	5.38
(1,8)	3:A:8:PCW:N	2:B:106:SER:CB	6	5.38
(1,8)	3:A:8:PCW:N	2:B:106:SER:H	6	5.38
(1,8)	3:A:8:PCW:N	2:B:106:SER:HG	6	5.38
(1,8)	3:A:8:PCW:N	2:B:106:SER:N	6	5.38
(1,8)	3:A:8:PCW:N	2:B:106:SER:O	6	5.38
(1,8)	3:A:8:PCW:N	2:B:106:SER:OG	6	5.38
(1,8)	3:A:8:PCW:N	2:B:107:GLU:C	6	5.38
(1,8)	3:A:8:PCW:N	2:B:107:GLU:CA	6	5.38
(1,8)	3:A:8:PCW:N	2:B:107:GLU:CB	6	5.38
(1,8)	3:A:8:PCW:N	2:B:107:GLU:CD	6	5.38
(1,8)	3:A:8:PCW:N	2:B:107:GLU:CG	6	5.38
(1,8)	3:A:8:PCW:N	2:B:107:GLU:H	6	5.38
(1,8)	3:A:8:PCW:N	2:B:107:GLU:N	6	5.38
(1,8)	3:A:8:PCW:N	2:B:107:GLU:O	6	5.38
(1,8)	3:A:8:PCW:N	2:B:107:GLU:OE1	6	5.38
(1,8)	3:A:8:PCW:N	2:B:107:GLU:OE2	6	5.38
(1,8)	3:A:8:PCW:N	2:B:132:ASP:C	6	5.38
(1,8)	3:A:8:PCW:N	2:B:132:ASP:CA	6	5.38
(1,8)	3:A:8:PCW:N	2:B:132:ASP:CB	6	5.38
(1,8)	3:A:8:PCW:N	2:B:132:ASP:CG	6	5.38
(1,8)	3:A:8:PCW:N	2:B:132:ASP:H	6	5.38
(1,8)	3:A:8:PCW:N	2:B:132:ASP:N	6	5.38
(1,8)	3:A:8:PCW:N	2:B:132:ASP:O	6	5.38
(1,8)	3:A:8:PCW:N	2:B:132:ASP:OD1	6	5.38
(1,8)	3:A:8:PCW:N	2:B:132:ASP:OD2	6	5.38
(1,8)	3:A:8:PCW:N	2:B:133:LEU:C	6	5.38
(1,8)	3:A:8:PCW:N	2:B:133:LEU:CA	6	5.38
(1,8)	3:A:8:PCW:N	2:B:133:LEU:CB	6	5.38
(1,8)	3:A:8:PCW:N	2:B:133:LEU:CD1	6	5.38
(1,8)	3:A:8:PCW:N	2:B:133:LEU:CD2	6	5.38
(1,8)	3:A:8:PCW:N	2:B:133:LEU:CG	6	5.38
(1,8)	3:A:8:PCW:N	2:B:133:LEU:H	6	5.38
(1,8)	3:A:8:PCW:N	2:B:133:LEU:N	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:N	2:B:133:LEU:O	6	5.38
(1,8)	3:A:8:PCW:N	2:B:134:ALA:C	6	5.38
(1,8)	3:A:8:PCW:N	2:B:134:ALA:CA	6	5.38
(1,8)	3:A:8:PCW:N	2:B:134:ALA:CB	6	5.38
(1,8)	3:A:8:PCW:N	2:B:134:ALA:H	6	5.38
(1,8)	3:A:8:PCW:N	2:B:134:ALA:N	6	5.38
(1,8)	3:A:8:PCW:N	2:B:134:ALA:O	6	5.38
(1,8)	3:A:8:PCW:N	2:B:137:TYR:C	6	5.38
(1,8)	3:A:8:PCW:N	2:B:137:TYR:CA	6	5.38
(1,8)	3:A:8:PCW:N	2:B:137:TYR:CB	6	5.38
(1,8)	3:A:8:PCW:N	2:B:137:TYR:CD1	6	5.38
(1,8)	3:A:8:PCW:N	2:B:137:TYR:CD2	6	5.38
(1,8)	3:A:8:PCW:N	2:B:137:TYR:CE1	6	5.38
(1,8)	3:A:8:PCW:N	2:B:137:TYR:CE2	6	5.38
(1,8)	3:A:8:PCW:N	2:B:137:TYR:CG	6	5.38
(1,8)	3:A:8:PCW:N	2:B:137:TYR:CZ	6	5.38
(1,8)	3:A:8:PCW:N	2:B:137:TYR:H	6	5.38
(1,8)	3:A:8:PCW:N	2:B:137:TYR:HH	6	5.38
(1,8)	3:A:8:PCW:N	2:B:137:TYR:N	6	5.38
(1,8)	3:A:8:PCW:N	2:B:137:TYR:O	6	5.38
(1,8)	3:A:8:PCW:N	2:B:137:TYR:OH	6	5.38
(1,8)	3:A:8:PCW:N	2:B:138:GLY:C	6	5.38
(1,8)	3:A:8:PCW:N	2:B:138:GLY:CA	6	5.38
(1,8)	3:A:8:PCW:N	2:B:138:GLY:H	6	5.38
(1,8)	3:A:8:PCW:N	2:B:138:GLY:N	6	5.38
(1,8)	3:A:8:PCW:N	2:B:138:GLY:O	6	5.38
(1,8)	3:A:8:PCW:N	2:B:139:ILE:C	6	5.38
(1,8)	3:A:8:PCW:N	2:B:139:ILE:CA	6	5.38
(1,8)	3:A:8:PCW:N	2:B:139:ILE:CB	6	5.38
(1,8)	3:A:8:PCW:N	2:B:139:ILE:CD1	6	5.38
(1,8)	3:A:8:PCW:N	2:B:139:ILE:CG1	6	5.38
(1,8)	3:A:8:PCW:N	2:B:139:ILE:CG2	6	5.38
(1,8)	3:A:8:PCW:N	2:B:139:ILE:H	6	5.38
(1,8)	3:A:8:PCW:N	2:B:139:ILE:N	6	5.38
(1,8)	3:A:8:PCW:N	2:B:139:ILE:O	6	5.38
(1,8)	3:A:8:PCW:N	2:B:140:PRO:C	6	5.38
(1,8)	3:A:8:PCW:N	2:B:140:PRO:CA	6	5.38
(1,8)	3:A:8:PCW:N	2:B:140:PRO:CB	6	5.38
(1,8)	3:A:8:PCW:N	2:B:140:PRO:CD	6	5.38
(1,8)	3:A:8:PCW:N	2:B:140:PRO:CG	6	5.38
(1,8)	3:A:8:PCW:N	2:B:140:PRO:N	6	5.38
(1,8)	3:A:8:PCW:N	2:B:140:PRO:O	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:N	2:B:141:PHE:C	6	5.38
(1,8)	3:A:8:PCW:N	2:B:141:PHE:CA	6	5.38
(1,8)	3:A:8:PCW:N	2:B:141:PHE:CB	6	5.38
(1,8)	3:A:8:PCW:N	2:B:141:PHE:CD1	6	5.38
(1,8)	3:A:8:PCW:N	2:B:141:PHE:CD2	6	5.38
(1,8)	3:A:8:PCW:N	2:B:141:PHE:CE1	6	5.38
(1,8)	3:A:8:PCW:N	2:B:141:PHE:CE2	6	5.38
(1,8)	3:A:8:PCW:N	2:B:141:PHE:CG	6	5.38
(1,8)	3:A:8:PCW:N	2:B:141:PHE:CZ	6	5.38
(1,8)	3:A:8:PCW:N	2:B:141:PHE:H	6	5.38
(1,8)	3:A:8:PCW:N	2:B:141:PHE:N	6	5.38
(1,8)	3:A:8:PCW:N	2:B:141:PHE:O	6	5.38
(1,8)	3:A:8:PCW:N	2:B:142:ILE:C	6	5.38
(1,8)	3:A:8:PCW:N	2:B:142:ILE:CA	6	5.38
(1,8)	3:A:8:PCW:N	2:B:142:ILE:CB	6	5.38
(1,8)	3:A:8:PCW:N	2:B:142:ILE:CD1	6	5.38
(1,8)	3:A:8:PCW:N	2:B:142:ILE:CG1	6	5.38
(1,8)	3:A:8:PCW:N	2:B:142:ILE:CG2	6	5.38
(1,8)	3:A:8:PCW:N	2:B:142:ILE:H	6	5.38
(1,8)	3:A:8:PCW:N	2:B:142:ILE:N	6	5.38
(1,8)	3:A:8:PCW:N	2:B:142:ILE:O	6	5.38
(1,8)	3:A:8:PCW:N	2:B:143:GLU:C	6	5.38
(1,8)	3:A:8:PCW:N	2:B:143:GLU:CA	6	5.38
(1,8)	3:A:8:PCW:N	2:B:143:GLU:CB	6	5.38
(1,8)	3:A:8:PCW:N	2:B:143:GLU:CD	6	5.38
(1,8)	3:A:8:PCW:N	2:B:143:GLU:CG	6	5.38
(1,8)	3:A:8:PCW:N	2:B:143:GLU:H	6	5.38
(1,8)	3:A:8:PCW:N	2:B:143:GLU:N	6	5.38
(1,8)	3:A:8:PCW:N	2:B:143:GLU:O	6	5.38
(1,8)	3:A:8:PCW:N	2:B:143:GLU:OE1	6	5.38
(1,8)	3:A:8:PCW:N	2:B:143:GLU:OE2	6	5.38
(1,8)	3:A:8:PCW:N	2:B:158:THR:C	6	5.38
(1,8)	3:A:8:PCW:N	2:B:158:THR:CA	6	5.38
(1,8)	3:A:8:PCW:N	2:B:158:THR:CB	6	5.38
(1,8)	3:A:8:PCW:N	2:B:158:THR:CG2	6	5.38
(1,8)	3:A:8:PCW:N	2:B:158:THR:H	6	5.38
(1,8)	3:A:8:PCW:N	2:B:158:THR:HG1	6	5.38
(1,8)	3:A:8:PCW:N	2:B:158:THR:N	6	5.38
(1,8)	3:A:8:PCW:N	2:B:158:THR:O	6	5.38
(1,8)	3:A:8:PCW:N	2:B:158:THR:OG1	6	5.38
(1,8)	3:A:8:PCW:N	2:B:159:LEU:C	6	5.38
(1,8)	3:A:8:PCW:N	2:B:159:LEU:CA	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:N	2:B:159:LEU:CB	6	5.38
(1,8)	3:A:8:PCW:N	2:B:159:LEU:CD1	6	5.38
(1,8)	3:A:8:PCW:N	2:B:159:LEU:CD2	6	5.38
(1,8)	3:A:8:PCW:N	2:B:159:LEU:CG	6	5.38
(1,8)	3:A:8:PCW:N	2:B:159:LEU:H	6	5.38
(1,8)	3:A:8:PCW:N	2:B:159:LEU:N	6	5.38
(1,8)	3:A:8:PCW:N	2:B:159:LEU:O	6	5.38
(1,8)	3:A:8:PCW:N	2:B:160:VAL:C	6	5.38
(1,8)	3:A:8:PCW:N	2:B:160:VAL:CA	6	5.38
(1,8)	3:A:8:PCW:N	2:B:160:VAL:CB	6	5.38
(1,8)	3:A:8:PCW:N	2:B:160:VAL:CG1	6	5.38
(1,8)	3:A:8:PCW:N	2:B:160:VAL:CG2	6	5.38
(1,8)	3:A:8:PCW:N	2:B:160:VAL:H	6	5.38
(1,8)	3:A:8:PCW:N	2:B:160:VAL:N	6	5.38
(1,8)	3:A:8:PCW:N	2:B:160:VAL:O	6	5.38
(1,8)	3:A:8:PCW:N	2:B:170:MET:C	6	5.38
(1,8)	3:A:8:PCW:N	2:B:170:MET:CA	6	5.38
(1,8)	3:A:8:PCW:N	2:B:170:MET:CB	6	5.38
(1,8)	3:A:8:PCW:N	2:B:170:MET:CE	6	5.38
(1,8)	3:A:8:PCW:N	2:B:170:MET:CG	6	5.38
(1,8)	3:A:8:PCW:N	2:B:170:MET:H	6	5.38
(1,8)	3:A:8:PCW:N	2:B:170:MET:N	6	5.38
(1,8)	3:A:8:PCW:N	2:B:170:MET:O	6	5.38
(1,8)	3:A:8:PCW:N	2:B:170:MET:SD	6	5.38
(1,8)	3:A:8:PCW:N	2:B:171:SER:C	6	5.38
(1,8)	3:A:8:PCW:N	2:B:171:SER:CA	6	5.38
(1,8)	3:A:8:PCW:N	2:B:171:SER:CB	6	5.38
(1,8)	3:A:8:PCW:N	2:B:171:SER:H	6	5.38
(1,8)	3:A:8:PCW:N	2:B:171:SER:HG	6	5.38
(1,8)	3:A:8:PCW:N	2:B:171:SER:N	6	5.38
(1,8)	3:A:8:PCW:N	2:B:171:SER:O	6	5.38
(1,8)	3:A:8:PCW:N	2:B:171:SER:OG	6	5.38
(1,8)	3:A:8:PCW:N	2:B:172:LYS:C	6	5.38
(1,8)	3:A:8:PCW:N	2:B:172:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:N	2:B:172:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:N	2:B:172:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:N	2:B:172:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:N	2:B:172:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:N	2:B:172:LYS:H	6	5.38
(1,8)	3:A:8:PCW:N	2:B:172:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:N	2:B:172:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:N	2:B:172:LYS:HZ3	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:N	2:B:172:LYS:N	6	5.38
(1,8)	3:A:8:PCW:N	2:B:172:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:N	2:B:172:LYS:O	6	5.38
(1,8)	3:A:8:PCW:N	2:B:173:ASP:C	6	5.38
(1,8)	3:A:8:PCW:N	2:B:173:ASP:CA	6	5.38
(1,8)	3:A:8:PCW:N	2:B:173:ASP:CB	6	5.38
(1,8)	3:A:8:PCW:N	2:B:173:ASP:CG	6	5.38
(1,8)	3:A:8:PCW:N	2:B:173:ASP:H	6	5.38
(1,8)	3:A:8:PCW:N	2:B:173:ASP:N	6	5.38
(1,8)	3:A:8:PCW:N	2:B:173:ASP:O	6	5.38
(1,8)	3:A:8:PCW:N	2:B:173:ASP:OD1	6	5.38
(1,8)	3:A:8:PCW:N	2:B:173:ASP:OD2	6	5.38
(1,8)	3:A:8:PCW:N	2:B:174:GLY:C	6	5.38
(1,8)	3:A:8:PCW:N	2:B:174:GLY:CA	6	5.38
(1,8)	3:A:8:PCW:N	2:B:174:GLY:H	6	5.38
(1,8)	3:A:8:PCW:N	2:B:174:GLY:N	6	5.38
(1,8)	3:A:8:PCW:N	2:B:174:GLY:O	6	5.38
(1,8)	3:A:8:PCW:N	2:B:175:LYS:C	6	5.38
(1,8)	3:A:8:PCW:N	2:B:175:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:N	2:B:175:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:N	2:B:175:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:N	2:B:175:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:N	2:B:175:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:N	2:B:175:LYS:H	6	5.38
(1,8)	3:A:8:PCW:N	2:B:175:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:N	2:B:175:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:N	2:B:175:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:N	2:B:175:LYS:N	6	5.38
(1,8)	3:A:8:PCW:N	2:B:175:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:N	2:B:175:LYS:O	6	5.38
(1,8)	3:A:8:PCW:N	2:B:176:LYS:C	6	5.38
(1,8)	3:A:8:PCW:N	2:B:176:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:N	2:B:176:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:N	2:B:176:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:N	2:B:176:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:N	2:B:176:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:N	2:B:176:LYS:H	6	5.38
(1,8)	3:A:8:PCW:N	2:B:176:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:N	2:B:176:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:N	2:B:176:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:N	2:B:176:LYS:N	6	5.38
(1,8)	3:A:8:PCW:N	2:B:176:LYS:NZ	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:N	2:B:176:LYS:O	6	5.38
(1,8)	3:A:8:PCW:N	2:B:177:LYS:C	6	5.38
(1,8)	3:A:8:PCW:N	2:B:177:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:N	2:B:177:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:N	2:B:177:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:N	2:B:177:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:N	2:B:177:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:N	2:B:177:LYS:H	6	5.38
(1,8)	3:A:8:PCW:N	2:B:177:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:N	2:B:177:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:N	2:B:177:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:N	2:B:177:LYS:N	6	5.38
(1,8)	3:A:8:PCW:N	2:B:177:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:N	2:B:177:LYS:O	6	5.38
(1,8)	3:A:8:PCW:N	2:B:178:LYS:C	6	5.38
(1,8)	3:A:8:PCW:N	2:B:178:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:N	2:B:178:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:N	2:B:178:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:N	2:B:178:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:N	2:B:178:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:N	2:B:178:LYS:H	6	5.38
(1,8)	3:A:8:PCW:N	2:B:178:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:N	2:B:178:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:N	2:B:178:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:N	2:B:178:LYS:N	6	5.38
(1,8)	3:A:8:PCW:N	2:B:178:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:N	2:B:178:LYS:O	6	5.38
(1,8)	3:A:8:PCW:N	2:B:184:LYS:C	6	5.38
(1,8)	3:A:8:PCW:N	2:B:184:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:N	2:B:184:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:N	2:B:184:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:N	2:B:184:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:N	2:B:184:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:N	2:B:184:LYS:H	6	5.38
(1,8)	3:A:8:PCW:N	2:B:184:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:N	2:B:184:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:N	2:B:184:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:N	2:B:184:LYS:N	6	5.38
(1,8)	3:A:8:PCW:N	2:B:184:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:N	2:B:184:LYS:O	6	5.38
(1,8)	3:A:8:PCW:N	2:B:185:CYS:C	6	5.38
(1,8)	3:A:8:PCW:N	2:B:185:CYS:CA	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:N	2:B:185:CYS:CB	6	5.38
(1,8)	3:A:8:PCW:N	2:B:185:CYS:H	6	5.38
(1,8)	3:A:8:PCW:N	2:B:185:CYS:HG	6	5.38
(1,8)	3:A:8:PCW:N	2:B:185:CYS:N	6	5.38
(1,8)	3:A:8:PCW:N	2:B:185:CYS:O	6	5.38
(1,8)	3:A:8:PCW:N	2:B:185:CYS:SG	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:1:MET:C	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:1:MET:CA	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:1:MET:CB	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:1:MET:CE	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:1:MET:CG	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:1:MET:H	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:1:MET:N	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:1:MET:O	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:1:MET:SD	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:2:THR:C	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:2:THR:CA	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:2:THR:CB	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:2:THR:CG2	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:2:THR:H	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:2:THR:HG1	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:2:THR:N	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:2:THR:O	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:2:THR:OG1	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:3:GLU:C	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:3:GLU:CA	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:3:GLU:CB	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:3:GLU:CD	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:3:GLU:CG	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:3:GLU:H	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:3:GLU:N	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:3:GLU:O	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:3:GLU:OE1	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:3:GLU:OE2	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:4:TYR:C	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:4:TYR:CA	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:4:TYR:CB	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:4:TYR:CD1	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:4:TYR:CD2	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:4:TYR:CE1	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:4:TYR:CE2	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:4:TYR:CG	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O11	2:B:4:TYR:CZ	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:4:TYR:H	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:4:TYR:HH	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:4:TYR:N	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:4:TYR:O	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:4:TYR:OH	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:47:ASP:C	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:47:ASP:CA	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:47:ASP:CB	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:47:ASP:CG	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:47:ASP:H	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:47:ASP:N	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:47:ASP:O	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:47:ASP:OD1	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:47:ASP:OD2	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:48:GLY:C	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:48:GLY:CA	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:48:GLY:H	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:48:GLY:N	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:48:GLY:O	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:49:GLU:C	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:49:GLU:CA	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:49:GLU:CB	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:49:GLU:CD	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:49:GLU:CG	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:49:GLU:H	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:49:GLU:N	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:49:GLU:O	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:49:GLU:OE1	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:49:GLU:OE2	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:50:THR:C	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:50:THR:CA	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:50:THR:CB	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:50:THR:CG2	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:50:THR:H	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:50:THR:HG1	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:50:THR:N	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:50:THR:O	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:50:THR:OG1	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:51:CYS:C	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:51:CYS:CA	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:51:CYS:CB	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O11	2:B:51:CYS:H	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:51:CYS:HG	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:51:CYS:N	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:51:CYS:O	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:51:CYS:SG	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:105:ASP:C	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:105:ASP:CA	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:105:ASP:CB	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:105:ASP:CG	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:105:ASP:H	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:105:ASP:N	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:105:ASP:O	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:105:ASP:OD1	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:105:ASP:OD2	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:106:SER:C	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:106:SER:CA	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:106:SER:CB	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:106:SER:H	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:106:SER:HG	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:106:SER:N	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:106:SER:O	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:106:SER:OG	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:107:GLU:C	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:107:GLU:CA	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:107:GLU:CB	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:107:GLU:CD	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:107:GLU:CG	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:107:GLU:H	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:107:GLU:N	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:107:GLU:O	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:107:GLU:OE1	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:107:GLU:OE2	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:132:ASP:C	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:132:ASP:CA	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:132:ASP:CB	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:132:ASP:CG	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:132:ASP:H	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:132:ASP:N	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:132:ASP:O	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:132:ASP:OD1	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:132:ASP:OD2	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:133:LEU:C	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O11	2:B:133:LEU:CA	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:133:LEU:CB	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:133:LEU:CD1	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:133:LEU:CD2	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:133:LEU:CG	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:133:LEU:H	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:133:LEU:N	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:133:LEU:O	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:134:ALA:C	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:134:ALA:CA	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:134:ALA:CB	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:134:ALA:H	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:134:ALA:N	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:134:ALA:O	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:137:TYR:C	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:137:TYR:CA	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:137:TYR:CB	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:137:TYR:CD1	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:137:TYR:CD2	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:137:TYR:CE1	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:137:TYR:CE2	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:137:TYR:CG	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:137:TYR:CZ	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:137:TYR:H	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:137:TYR:HH	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:137:TYR:N	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:137:TYR:O	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:137:TYR:OH	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:138:GLY:C	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:138:GLY:CA	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:138:GLY:H	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:138:GLY:N	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:138:GLY:O	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:139:ILE:C	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:139:ILE:CA	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:139:ILE:CB	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:139:ILE:CD1	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:139:ILE:CG1	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:139:ILE:CG2	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:139:ILE:H	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:139:ILE:N	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:139:ILE:O	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O11	2:B:140:PRO:C	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:140:PRO:CA	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:140:PRO:CB	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:140:PRO:CD	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:140:PRO:CG	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:140:PRO:N	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:140:PRO:O	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:141:PHE:C	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:141:PHE:CA	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:141:PHE:CB	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:141:PHE:CD1	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:141:PHE:CD2	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:141:PHE:CE1	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:141:PHE:CE2	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:141:PHE:CG	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:141:PHE:CZ	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:141:PHE:H	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:141:PHE:N	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:141:PHE:O	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:142:ILE:C	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:142:ILE:CA	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:142:ILE:CB	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:142:ILE:CD1	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:142:ILE:CG1	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:142:ILE:CG2	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:142:ILE:H	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:142:ILE:N	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:142:ILE:O	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:143:GLU:C	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:143:GLU:CA	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:143:GLU:CB	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:143:GLU:CD	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:143:GLU:CG	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:143:GLU:H	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:143:GLU:N	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:143:GLU:O	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:143:GLU:OE1	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:143:GLU:OE2	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:158:THR:C	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:158:THR:CA	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:158:THR:CB	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:158:THR:CG2	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O11	2:B:158:THR:H	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:158:THR:HG1	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:158:THR:N	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:158:THR:O	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:158:THR:OG1	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:159:LEU:C	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:159:LEU:CA	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:159:LEU:CB	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:159:LEU:CD1	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:159:LEU:CD2	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:159:LEU:CG	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:159:LEU:H	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:159:LEU:N	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:159:LEU:O	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:160:VAL:C	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:160:VAL:CA	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:160:VAL:CB	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:160:VAL:CG1	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:160:VAL:CG2	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:160:VAL:H	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:160:VAL:N	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:160:VAL:O	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:170:MET:C	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:170:MET:CA	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:170:MET:CB	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:170:MET:CE	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:170:MET:CG	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:170:MET:H	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:170:MET:N	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:170:MET:O	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:170:MET:SD	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:171:SER:C	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:171:SER:CA	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:171:SER:CB	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:171:SER:H	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:171:SER:HG	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:171:SER:N	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:171:SER:O	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:171:SER:OG	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:172:LYS:C	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:172:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:172:LYS:CB	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O11	2:B:172:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:172:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:172:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:172:LYS:H	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:172:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:172:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:172:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:172:LYS:N	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:172:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:172:LYS:O	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:173:ASP:C	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:173:ASP:CA	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:173:ASP:CB	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:173:ASP:CG	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:173:ASP:H	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:173:ASP:N	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:173:ASP:O	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:173:ASP:OD1	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:173:ASP:OD2	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:174:GLY:C	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:174:GLY:CA	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:174:GLY:H	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:174:GLY:N	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:174:GLY:O	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:175:LYS:C	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:175:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:175:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:175:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:175:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:175:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:175:LYS:H	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:175:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:175:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:175:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:175:LYS:N	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:175:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:175:LYS:O	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:176:LYS:C	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:176:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:176:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:176:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:176:LYS:CE	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O11	2:B:176:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:176:LYS:H	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:176:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:176:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:176:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:176:LYS:N	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:176:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:176:LYS:O	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:177:LYS:C	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:177:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:177:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:177:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:177:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:177:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:177:LYS:H	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:177:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:177:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:177:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:177:LYS:N	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:177:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:177:LYS:O	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:178:LYS:C	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:178:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:178:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:178:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:178:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:178:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:178:LYS:H	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:178:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:178:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:178:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:178:LYS:N	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:178:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:178:LYS:O	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:184:LYS:C	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:184:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:184:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:184:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:184:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:184:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:184:LYS:H	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:184:LYS:HZ1	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O11	2:B:184:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:184:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:184:LYS:N	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:184:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:184:LYS:O	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:185:CYS:C	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:185:CYS:CA	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:185:CYS:CB	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:185:CYS:H	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:185:CYS:HG	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:185:CYS:N	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:185:CYS:O	6	5.38
(1,8)	3:A:8:PCW:O11	2:B:185:CYS:SG	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:1:MET:C	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:1:MET:CA	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:1:MET:CB	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:1:MET:CE	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:1:MET:CG	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:1:MET:H	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:1:MET:N	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:1:MET:O	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:1:MET:SD	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:2:THR:C	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:2:THR:CA	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:2:THR:CB	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:2:THR:CG2	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:2:THR:H	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:2:THR:HG1	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:2:THR:N	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:2:THR:O	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:2:THR:OG1	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:3:GLU:C	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:3:GLU:CA	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:3:GLU:CB	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:3:GLU:CD	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:3:GLU:CG	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:3:GLU:H	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:3:GLU:N	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:3:GLU:O	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:3:GLU:OE1	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:3:GLU:OE2	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:4:TYR:C	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O2	2:B:4:TYR:CA	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:4:TYR:CB	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:4:TYR:CD1	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:4:TYR:CD2	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:4:TYR:CE1	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:4:TYR:CE2	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:4:TYR:CG	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:4:TYR:CZ	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:4:TYR:H	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:4:TYR:HH	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:4:TYR:N	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:4:TYR:O	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:4:TYR:OH	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:47:ASP:C	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:47:ASP:CA	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:47:ASP:CB	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:47:ASP:CG	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:47:ASP:H	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:47:ASP:N	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:47:ASP:O	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:47:ASP:OD1	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:47:ASP:OD2	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:48:GLY:C	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:48:GLY:CA	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:48:GLY:H	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:48:GLY:N	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:48:GLY:O	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:49:GLU:C	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:49:GLU:CA	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:49:GLU:CB	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:49:GLU:CD	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:49:GLU:CG	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:49:GLU:H	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:49:GLU:N	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:49:GLU:O	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:49:GLU:OE1	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:49:GLU:OE2	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:50:THR:C	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:50:THR:CA	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:50:THR:CB	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:50:THR:CG2	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:50:THR:H	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O2	2:B:50:THR:HG1	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:50:THR:N	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:50:THR:O	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:50:THR:OG1	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:51:CYS:C	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:51:CYS:CA	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:51:CYS:CB	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:51:CYS:H	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:51:CYS:HG	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:51:CYS:N	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:51:CYS:O	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:51:CYS:SG	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:105:ASP:C	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:105:ASP:CA	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:105:ASP:CB	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:105:ASP:CG	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:105:ASP:H	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:105:ASP:N	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:105:ASP:O	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:105:ASP:OD1	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:105:ASP:OD2	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:106:SER:C	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:106:SER:CA	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:106:SER:CB	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:106:SER:H	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:106:SER:HG	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:106:SER:N	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:106:SER:O	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:106:SER:OG	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:107:GLU:C	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:107:GLU:CA	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:107:GLU:CB	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:107:GLU:CD	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:107:GLU:CG	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:107:GLU:H	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:107:GLU:N	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:107:GLU:O	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:107:GLU:OE1	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:107:GLU:OE2	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:132:ASP:C	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:132:ASP:CA	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:132:ASP:CB	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O2	2:B:132:ASP:CG	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:132:ASP:H	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:132:ASP:N	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:132:ASP:O	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:132:ASP:OD1	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:132:ASP:OD2	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:133:LEU:C	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:133:LEU:CA	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:133:LEU:CB	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:133:LEU:CD1	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:133:LEU:CD2	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:133:LEU:CG	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:133:LEU:H	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:133:LEU:N	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:133:LEU:O	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:134:ALA:C	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:134:ALA:CA	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:134:ALA:CB	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:134:ALA:H	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:134:ALA:N	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:134:ALA:O	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:137:TYR:C	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:137:TYR:CA	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:137:TYR:CB	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:137:TYR:CD1	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:137:TYR:CD2	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:137:TYR:CE1	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:137:TYR:CE2	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:137:TYR:CG	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:137:TYR:CZ	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:137:TYR:H	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:137:TYR:HH	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:137:TYR:N	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:137:TYR:O	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:137:TYR:OH	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:138:GLY:C	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:138:GLY:CA	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:138:GLY:H	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:138:GLY:N	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:138:GLY:O	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:139:ILE:C	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:139:ILE:CA	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O2	2:B:139:ILE:CB	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:139:ILE:CD1	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:139:ILE:CG1	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:139:ILE:CG2	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:139:ILE:H	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:139:ILE:N	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:139:ILE:O	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:140:PRO:C	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:140:PRO:CA	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:140:PRO:CB	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:140:PRO:CD	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:140:PRO:CG	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:140:PRO:N	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:140:PRO:O	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:141:PHE:C	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:141:PHE:CA	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:141:PHE:CB	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:141:PHE:CD1	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:141:PHE:CD2	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:141:PHE:CE1	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:141:PHE:CE2	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:141:PHE:CG	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:141:PHE:CZ	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:141:PHE:H	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:141:PHE:N	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:141:PHE:O	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:142:ILE:C	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:142:ILE:CA	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:142:ILE:CB	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:142:ILE:CD1	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:142:ILE:CG1	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:142:ILE:CG2	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:142:ILE:H	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:142:ILE:N	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:142:ILE:O	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:143:GLU:C	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:143:GLU:CA	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:143:GLU:CB	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:143:GLU:CD	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:143:GLU:CG	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:143:GLU:H	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:143:GLU:N	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O2	2:B:143:GLU:O	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:143:GLU:OE1	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:143:GLU:OE2	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:158:THR:C	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:158:THR:CA	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:158:THR:CB	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:158:THR:CG2	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:158:THR:H	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:158:THR:HG1	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:158:THR:N	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:158:THR:O	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:158:THR:OG1	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:159:LEU:C	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:159:LEU:CA	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:159:LEU:CB	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:159:LEU:CD1	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:159:LEU:CD2	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:159:LEU:CG	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:159:LEU:H	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:159:LEU:N	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:159:LEU:O	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:160:VAL:C	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:160:VAL:CA	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:160:VAL:CB	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:160:VAL:CG1	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:160:VAL:CG2	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:160:VAL:H	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:160:VAL:N	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:160:VAL:O	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:170:MET:C	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:170:MET:CA	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:170:MET:CB	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:170:MET:CE	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:170:MET:CG	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:170:MET:H	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:170:MET:N	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:170:MET:O	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:170:MET:SD	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:171:SER:C	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:171:SER:CA	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:171:SER:CB	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:171:SER:H	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O2	2:B:171:SER:HG	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:171:SER:N	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:171:SER:O	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:171:SER:OG	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:172:LYS:C	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:172:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:172:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:172:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:172:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:172:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:172:LYS:H	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:172:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:172:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:172:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:172:LYS:N	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:172:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:172:LYS:O	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:173:ASP:C	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:173:ASP:CA	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:173:ASP:CB	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:173:ASP:CG	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:173:ASP:H	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:173:ASP:N	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:173:ASP:O	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:173:ASP:OD1	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:173:ASP:OD2	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:174:GLY:C	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:174:GLY:CA	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:174:GLY:H	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:174:GLY:N	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:174:GLY:O	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:175:LYS:C	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:175:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:175:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:175:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:175:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:175:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:175:LYS:H	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:175:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:175:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:175:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:175:LYS:N	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O2	2:B:175:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:175:LYS:O	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:176:LYS:C	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:176:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:176:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:176:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:176:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:176:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:176:LYS:H	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:176:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:176:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:176:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:176:LYS:N	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:176:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:176:LYS:O	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:177:LYS:C	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:177:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:177:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:177:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:177:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:177:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:177:LYS:H	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:177:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:177:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:177:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:177:LYS:N	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:177:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:177:LYS:O	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:178:LYS:C	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:178:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:178:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:178:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:178:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:178:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:178:LYS:H	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:178:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:178:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:178:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:178:LYS:N	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:178:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:178:LYS:O	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:184:LYS:C	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O2	2:B:184:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:184:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:184:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:184:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:184:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:184:LYS:H	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:184:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:184:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:184:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:184:LYS:N	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:184:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:184:LYS:O	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:185:CYS:C	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:185:CYS:CA	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:185:CYS:CB	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:185:CYS:H	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:185:CYS:HG	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:185:CYS:N	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:185:CYS:O	6	5.38
(1,8)	3:A:8:PCW:O2	2:B:185:CYS:SG	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:1:MET:C	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:1:MET:CA	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:1:MET:CB	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:1:MET:CE	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:1:MET:CG	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:1:MET:H	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:1:MET:N	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:1:MET:O	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:1:MET:SD	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:2:THR:C	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:2:THR:CA	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:2:THR:CB	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:2:THR:CG2	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:2:THR:H	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:2:THR:HG1	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:2:THR:N	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:2:THR:O	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:2:THR:OG1	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:3:GLU:C	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:3:GLU:CA	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:3:GLU:CB	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:3:GLU:CD	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O3	2:B:3:GLU:CG	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:3:GLU:H	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:3:GLU:N	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:3:GLU:O	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:3:GLU:OE1	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:3:GLU:OE2	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:4:TYR:C	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:4:TYR:CA	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:4:TYR:CB	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:4:TYR:CD1	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:4:TYR:CD2	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:4:TYR:CE1	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:4:TYR:CE2	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:4:TYR:CG	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:4:TYR:CZ	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:4:TYR:H	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:4:TYR:HH	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:4:TYR:N	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:4:TYR:O	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:4:TYR:OH	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:47:ASP:C	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:47:ASP:CA	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:47:ASP:CB	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:47:ASP:CG	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:47:ASP:H	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:47:ASP:N	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:47:ASP:O	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:47:ASP:OD1	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:47:ASP:OD2	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:48:GLY:C	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:48:GLY:CA	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:48:GLY:H	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:48:GLY:N	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:48:GLY:O	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:49:GLU:C	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:49:GLU:CA	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:49:GLU:CB	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:49:GLU:CD	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:49:GLU:CG	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:49:GLU:H	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:49:GLU:N	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:49:GLU:O	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O3	2:B:49:GLU:OE1	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:49:GLU:OE2	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:50:THR:C	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:50:THR:CA	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:50:THR:CB	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:50:THR:CG2	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:50:THR:H	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:50:THR:HG1	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:50:THR:N	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:50:THR:O	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:50:THR:OG1	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:51:CYS:C	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:51:CYS:CA	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:51:CYS:CB	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:51:CYS:H	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:51:CYS:HG	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:51:CYS:N	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:51:CYS:O	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:51:CYS:SG	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:105:ASP:C	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:105:ASP:CA	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:105:ASP:CB	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:105:ASP:CG	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:105:ASP:H	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:105:ASP:N	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:105:ASP:O	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:105:ASP:OD1	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:105:ASP:OD2	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:106:SER:C	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:106:SER:CA	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:106:SER:CB	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:106:SER:H	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:106:SER:HG	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:106:SER:N	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:106:SER:O	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:106:SER:OG	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:107:GLU:C	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:107:GLU:CA	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:107:GLU:CB	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:107:GLU:CD	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:107:GLU:CG	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:107:GLU:H	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O3	2:B:107:GLU:N	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:107:GLU:O	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:107:GLU:OE1	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:107:GLU:OE2	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:132:ASP:C	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:132:ASP:CA	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:132:ASP:CB	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:132:ASP:CG	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:132:ASP:H	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:132:ASP:N	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:132:ASP:O	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:132:ASP:OD1	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:132:ASP:OD2	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:133:LEU:C	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:133:LEU:CA	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:133:LEU:CB	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:133:LEU:CD1	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:133:LEU:CD2	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:133:LEU:CG	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:133:LEU:H	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:133:LEU:N	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:133:LEU:O	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:134:ALA:C	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:134:ALA:CA	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:134:ALA:CB	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:134:ALA:H	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:134:ALA:N	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:134:ALA:O	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:137:TYR:C	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:137:TYR:CA	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:137:TYR:CB	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:137:TYR:CD1	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:137:TYR:CD2	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:137:TYR:CE1	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:137:TYR:CE2	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:137:TYR:CG	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:137:TYR:CZ	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:137:TYR:H	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:137:TYR:HH	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:137:TYR:N	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:137:TYR:O	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:137:TYR:OH	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O3	2:B:138:GLY:C	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:138:GLY:CA	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:138:GLY:H	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:138:GLY:N	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:138:GLY:O	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:139:ILE:C	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:139:ILE:CA	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:139:ILE:CB	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:139:ILE:CD1	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:139:ILE:CG1	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:139:ILE:CG2	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:139:ILE:H	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:139:ILE:N	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:139:ILE:O	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:140:PRO:C	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:140:PRO:CA	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:140:PRO:CB	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:140:PRO:CD	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:140:PRO:CG	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:140:PRO:N	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:140:PRO:O	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:141:PHE:C	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:141:PHE:CA	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:141:PHE:CB	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:141:PHE:CD1	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:141:PHE:CD2	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:141:PHE:CE1	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:141:PHE:CE2	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:141:PHE:CG	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:141:PHE:CZ	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:141:PHE:H	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:141:PHE:N	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:141:PHE:O	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:142:ILE:C	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:142:ILE:CA	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:142:ILE:CB	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:142:ILE:CD1	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:142:ILE:CG1	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:142:ILE:CG2	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:142:ILE:H	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:142:ILE:N	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:142:ILE:O	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O3	2:B:143:GLU:C	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:143:GLU:CA	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:143:GLU:CB	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:143:GLU:CD	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:143:GLU:CG	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:143:GLU:H	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:143:GLU:N	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:143:GLU:O	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:143:GLU:OE1	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:143:GLU:OE2	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:158:THR:C	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:158:THR:CA	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:158:THR:CB	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:158:THR:CG2	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:158:THR:H	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:158:THR:HG1	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:158:THR:N	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:158:THR:O	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:158:THR:OG1	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:159:LEU:C	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:159:LEU:CA	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:159:LEU:CB	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:159:LEU:CD1	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:159:LEU:CD2	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:159:LEU:CG	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:159:LEU:H	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:159:LEU:N	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:159:LEU:O	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:160:VAL:C	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:160:VAL:CA	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:160:VAL:CB	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:160:VAL:CG1	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:160:VAL:CG2	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:160:VAL:H	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:160:VAL:N	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:160:VAL:O	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:170:MET:C	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:170:MET:CA	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:170:MET:CB	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:170:MET:CE	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:170:MET:CG	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:170:MET:H	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O3	2:B:170:MET:N	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:170:MET:O	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:170:MET:SD	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:171:SER:C	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:171:SER:CA	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:171:SER:CB	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:171:SER:H	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:171:SER:HG	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:171:SER:N	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:171:SER:O	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:171:SER:OG	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:172:LYS:C	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:172:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:172:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:172:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:172:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:172:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:172:LYS:H	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:172:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:172:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:172:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:172:LYS:N	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:172:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:172:LYS:O	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:173:ASP:C	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:173:ASP:CA	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:173:ASP:CB	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:173:ASP:CG	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:173:ASP:H	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:173:ASP:N	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:173:ASP:O	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:173:ASP:OD1	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:173:ASP:OD2	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:174:GLY:C	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:174:GLY:CA	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:174:GLY:H	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:174:GLY:N	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:174:GLY:O	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:175:LYS:C	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:175:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:175:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:175:LYS:CD	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O3	2:B:175:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:175:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:175:LYS:H	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:175:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:175:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:175:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:175:LYS:N	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:175:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:175:LYS:O	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:176:LYS:C	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:176:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:176:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:176:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:176:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:176:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:176:LYS:H	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:176:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:176:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:176:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:176:LYS:N	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:176:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:176:LYS:O	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:177:LYS:C	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:177:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:177:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:177:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:177:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:177:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:177:LYS:H	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:177:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:177:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:177:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:177:LYS:N	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:177:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:177:LYS:O	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:178:LYS:C	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:178:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:178:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:178:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:178:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:178:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:178:LYS:H	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O3	2:B:178:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:178:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:178:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:178:LYS:N	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:178:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:178:LYS:O	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:184:LYS:C	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:184:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:184:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:184:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:184:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:184:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:184:LYS:H	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:184:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:184:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:184:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:184:LYS:N	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:184:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:184:LYS:O	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:185:CYS:C	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:185:CYS:CA	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:185:CYS:CB	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:185:CYS:H	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:185:CYS:HG	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:185:CYS:N	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:185:CYS:O	6	5.38
(1,8)	3:A:8:PCW:O3	2:B:185:CYS:SG	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:1:MET:C	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:1:MET:CA	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:1:MET:CB	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:1:MET:CE	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:1:MET:CG	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:1:MET:H	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:1:MET:N	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:1:MET:O	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:1:MET:SD	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:2:THR:C	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:2:THR:CA	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:2:THR:CB	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:2:THR:CG2	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:2:THR:H	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:2:THR:HG1	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O31	2:B:2:THR:N	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:2:THR:O	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:2:THR:OG1	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:3:GLU:C	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:3:GLU:CA	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:3:GLU:CB	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:3:GLU:CD	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:3:GLU:CG	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:3:GLU:H	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:3:GLU:N	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:3:GLU:O	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:3:GLU:OE1	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:3:GLU:OE2	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:4:TYR:C	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:4:TYR:CA	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:4:TYR:CB	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:4:TYR:CD1	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:4:TYR:CD2	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:4:TYR:CE1	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:4:TYR:CE2	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:4:TYR:CG	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:4:TYR:CZ	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:4:TYR:H	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:4:TYR:HH	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:4:TYR:N	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:4:TYR:O	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:4:TYR:OH	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:47:ASP:C	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:47:ASP:CA	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:47:ASP:CB	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:47:ASP:CG	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:47:ASP:H	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:47:ASP:N	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:47:ASP:O	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:47:ASP:OD1	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:47:ASP:OD2	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:48:GLY:C	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:48:GLY:CA	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:48:GLY:H	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:48:GLY:N	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:48:GLY:O	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:49:GLU:C	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O31	2:B:49:GLU:CA	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:49:GLU:CB	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:49:GLU:CD	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:49:GLU:CG	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:49:GLU:H	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:49:GLU:N	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:49:GLU:O	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:49:GLU:OE1	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:49:GLU:OE2	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:50:THR:C	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:50:THR:CA	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:50:THR:CB	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:50:THR:CG2	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:50:THR:H	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:50:THR:HG1	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:50:THR:N	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:50:THR:O	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:50:THR:OG1	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:51:CYS:C	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:51:CYS:CA	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:51:CYS:CB	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:51:CYS:H	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:51:CYS:HG	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:51:CYS:N	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:51:CYS:O	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:51:CYS:SG	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:105:ASP:C	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:105:ASP:CA	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:105:ASP:CB	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:105:ASP:CG	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:105:ASP:H	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:105:ASP:N	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:105:ASP:O	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:105:ASP:OD1	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:105:ASP:OD2	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:106:SER:C	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:106:SER:CA	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:106:SER:CB	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:106:SER:H	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:106:SER:HG	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:106:SER:N	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:106:SER:O	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O31	2:B:106:SER:OG	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:107:GLU:C	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:107:GLU:CA	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:107:GLU:CB	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:107:GLU:CD	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:107:GLU:CG	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:107:GLU:H	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:107:GLU:N	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:107:GLU:O	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:107:GLU:OE1	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:107:GLU:OE2	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:132:ASP:C	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:132:ASP:CA	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:132:ASP:CB	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:132:ASP:CG	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:132:ASP:H	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:132:ASP:N	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:132:ASP:O	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:132:ASP:OD1	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:132:ASP:OD2	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:133:LEU:C	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:133:LEU:CA	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:133:LEU:CB	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:133:LEU:CD1	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:133:LEU:CD2	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:133:LEU:CG	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:133:LEU:H	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:133:LEU:N	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:133:LEU:O	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:134:ALA:C	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:134:ALA:CA	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:134:ALA:CB	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:134:ALA:H	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:134:ALA:N	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:134:ALA:O	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:137:TYR:C	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:137:TYR:CA	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:137:TYR:CB	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:137:TYR:CD1	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:137:TYR:CD2	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:137:TYR:CE1	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:137:TYR:CE2	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O31	2:B:137:TYR:CG	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:137:TYR:CZ	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:137:TYR:H	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:137:TYR:HH	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:137:TYR:N	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:137:TYR:O	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:137:TYR:OH	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:138:GLY:C	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:138:GLY:CA	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:138:GLY:H	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:138:GLY:N	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:138:GLY:O	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:139:ILE:C	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:139:ILE:CA	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:139:ILE:CB	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:139:ILE:CD1	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:139:ILE:CG1	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:139:ILE:CG2	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:139:ILE:H	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:139:ILE:N	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:139:ILE:O	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:140:PRO:C	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:140:PRO:CA	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:140:PRO:CB	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:140:PRO:CD	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:140:PRO:CG	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:140:PRO:N	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:140:PRO:O	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:141:PHE:C	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:141:PHE:CA	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:141:PHE:CB	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:141:PHE:CD1	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:141:PHE:CD2	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:141:PHE:CE1	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:141:PHE:CE2	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:141:PHE:CG	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:141:PHE:CZ	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:141:PHE:H	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:141:PHE:N	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:141:PHE:O	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:142:ILE:C	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:142:ILE:CA	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O31	2:B:142:ILE:CB	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:142:ILE:CD1	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:142:ILE:CG1	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:142:ILE:CG2	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:142:ILE:H	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:142:ILE:N	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:142:ILE:O	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:143:GLU:C	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:143:GLU:CA	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:143:GLU:CB	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:143:GLU:CD	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:143:GLU:CG	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:143:GLU:H	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:143:GLU:N	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:143:GLU:O	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:143:GLU:OE1	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:143:GLU:OE2	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:158:THR:C	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:158:THR:CA	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:158:THR:CB	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:158:THR:CG2	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:158:THR:H	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:158:THR:HG1	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:158:THR:N	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:158:THR:O	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:158:THR:OG1	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:159:LEU:C	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:159:LEU:CA	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:159:LEU:CB	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:159:LEU:CD1	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:159:LEU:CD2	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:159:LEU:CG	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:159:LEU:H	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:159:LEU:N	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:159:LEU:O	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:160:VAL:C	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:160:VAL:CA	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:160:VAL:CB	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:160:VAL:CG1	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:160:VAL:CG2	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:160:VAL:H	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:160:VAL:N	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O31	2:B:160:VAL:O	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:170:MET:C	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:170:MET:CA	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:170:MET:CB	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:170:MET:CE	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:170:MET:CG	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:170:MET:H	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:170:MET:N	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:170:MET:O	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:170:MET:SD	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:171:SER:C	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:171:SER:CA	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:171:SER:CB	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:171:SER:H	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:171:SER:HG	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:171:SER:N	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:171:SER:O	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:171:SER:OG	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:172:LYS:C	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:172:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:172:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:172:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:172:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:172:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:172:LYS:H	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:172:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:172:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:172:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:172:LYS:N	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:172:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:172:LYS:O	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:173:ASP:C	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:173:ASP:CA	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:173:ASP:CB	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:173:ASP:CG	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:173:ASP:H	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:173:ASP:N	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:173:ASP:O	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:173:ASP:OD1	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:173:ASP:OD2	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:174:GLY:C	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:174:GLY:CA	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O31	2:B:174:GLY:H	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:174:GLY:N	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:174:GLY:O	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:175:LYS:C	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:175:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:175:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:175:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:175:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:175:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:175:LYS:H	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:175:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:175:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:175:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:175:LYS:N	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:175:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:175:LYS:O	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:176:LYS:C	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:176:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:176:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:176:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:176:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:176:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:176:LYS:H	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:176:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:176:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:176:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:176:LYS:N	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:176:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:176:LYS:O	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:177:LYS:C	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:177:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:177:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:177:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:177:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:177:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:177:LYS:H	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:177:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:177:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:177:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:177:LYS:N	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:177:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:177:LYS:O	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O31	2:B:178:LYS:C	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:178:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:178:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:178:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:178:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:178:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:178:LYS:H	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:178:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:178:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:178:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:178:LYS:N	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:178:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:178:LYS:O	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:184:LYS:C	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:184:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:184:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:184:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:184:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:184:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:184:LYS:H	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:184:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:184:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:184:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:184:LYS:N	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:184:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:184:LYS:O	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:185:CYS:C	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:185:CYS:CA	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:185:CYS:CB	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:185:CYS:H	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:185:CYS:HG	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:185:CYS:N	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:185:CYS:O	6	5.38
(1,8)	3:A:8:PCW:O31	2:B:185:CYS:SG	6	5.38
(1,8)	3:A:8:PCW:P	2:B:1:MET:C	6	5.38
(1,8)	3:A:8:PCW:P	2:B:1:MET:CA	6	5.38
(1,8)	3:A:8:PCW:P	2:B:1:MET:CB	6	5.38
(1,8)	3:A:8:PCW:P	2:B:1:MET:CE	6	5.38
(1,8)	3:A:8:PCW:P	2:B:1:MET:CG	6	5.38
(1,8)	3:A:8:PCW:P	2:B:1:MET:H	6	5.38
(1,8)	3:A:8:PCW:P	2:B:1:MET:N	6	5.38
(1,8)	3:A:8:PCW:P	2:B:1:MET:O	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:P	2:B:1:MET:SD	6	5.38
(1,8)	3:A:8:PCW:P	2:B:2:THR:C	6	5.38
(1,8)	3:A:8:PCW:P	2:B:2:THR:CA	6	5.38
(1,8)	3:A:8:PCW:P	2:B:2:THR:CB	6	5.38
(1,8)	3:A:8:PCW:P	2:B:2:THR:CG2	6	5.38
(1,8)	3:A:8:PCW:P	2:B:2:THR:H	6	5.38
(1,8)	3:A:8:PCW:P	2:B:2:THR:HG1	6	5.38
(1,8)	3:A:8:PCW:P	2:B:2:THR:N	6	5.38
(1,8)	3:A:8:PCW:P	2:B:2:THR:O	6	5.38
(1,8)	3:A:8:PCW:P	2:B:2:THR:OG1	6	5.38
(1,8)	3:A:8:PCW:P	2:B:3:GLU:C	6	5.38
(1,8)	3:A:8:PCW:P	2:B:3:GLU:CA	6	5.38
(1,8)	3:A:8:PCW:P	2:B:3:GLU:CB	6	5.38
(1,8)	3:A:8:PCW:P	2:B:3:GLU:CD	6	5.38
(1,8)	3:A:8:PCW:P	2:B:3:GLU:CG	6	5.38
(1,8)	3:A:8:PCW:P	2:B:3:GLU:H	6	5.38
(1,8)	3:A:8:PCW:P	2:B:3:GLU:N	6	5.38
(1,8)	3:A:8:PCW:P	2:B:3:GLU:O	6	5.38
(1,8)	3:A:8:PCW:P	2:B:3:GLU:OE1	6	5.38
(1,8)	3:A:8:PCW:P	2:B:3:GLU:OE2	6	5.38
(1,8)	3:A:8:PCW:P	2:B:4:TYR:C	6	5.38
(1,8)	3:A:8:PCW:P	2:B:4:TYR:CA	6	5.38
(1,8)	3:A:8:PCW:P	2:B:4:TYR:CB	6	5.38
(1,8)	3:A:8:PCW:P	2:B:4:TYR:CD1	6	5.38
(1,8)	3:A:8:PCW:P	2:B:4:TYR:CD2	6	5.38
(1,8)	3:A:8:PCW:P	2:B:4:TYR:CE1	6	5.38
(1,8)	3:A:8:PCW:P	2:B:4:TYR:CE2	6	5.38
(1,8)	3:A:8:PCW:P	2:B:4:TYR:CG	6	5.38
(1,8)	3:A:8:PCW:P	2:B:4:TYR:CZ	6	5.38
(1,8)	3:A:8:PCW:P	2:B:4:TYR:H	6	5.38
(1,8)	3:A:8:PCW:P	2:B:4:TYR:HH	6	5.38
(1,8)	3:A:8:PCW:P	2:B:4:TYR:N	6	5.38
(1,8)	3:A:8:PCW:P	2:B:4:TYR:O	6	5.38
(1,8)	3:A:8:PCW:P	2:B:4:TYR:OH	6	5.38
(1,8)	3:A:8:PCW:P	2:B:47:ASP:C	6	5.38
(1,8)	3:A:8:PCW:P	2:B:47:ASP:CA	6	5.38
(1,8)	3:A:8:PCW:P	2:B:47:ASP:CB	6	5.38
(1,8)	3:A:8:PCW:P	2:B:47:ASP:CG	6	5.38
(1,8)	3:A:8:PCW:P	2:B:47:ASP:H	6	5.38
(1,8)	3:A:8:PCW:P	2:B:47:ASP:N	6	5.38
(1,8)	3:A:8:PCW:P	2:B:47:ASP:O	6	5.38
(1,8)	3:A:8:PCW:P	2:B:47:ASP:OD1	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:P	2:B:47:ASP:OD2	6	5.38
(1,8)	3:A:8:PCW:P	2:B:48:GLY:C	6	5.38
(1,8)	3:A:8:PCW:P	2:B:48:GLY:CA	6	5.38
(1,8)	3:A:8:PCW:P	2:B:48:GLY:H	6	5.38
(1,8)	3:A:8:PCW:P	2:B:48:GLY:N	6	5.38
(1,8)	3:A:8:PCW:P	2:B:48:GLY:O	6	5.38
(1,8)	3:A:8:PCW:P	2:B:49:GLU:C	6	5.38
(1,8)	3:A:8:PCW:P	2:B:49:GLU:CA	6	5.38
(1,8)	3:A:8:PCW:P	2:B:49:GLU:CB	6	5.38
(1,8)	3:A:8:PCW:P	2:B:49:GLU:CD	6	5.38
(1,8)	3:A:8:PCW:P	2:B:49:GLU:CG	6	5.38
(1,8)	3:A:8:PCW:P	2:B:49:GLU:H	6	5.38
(1,8)	3:A:8:PCW:P	2:B:49:GLU:N	6	5.38
(1,8)	3:A:8:PCW:P	2:B:49:GLU:O	6	5.38
(1,8)	3:A:8:PCW:P	2:B:49:GLU:OE1	6	5.38
(1,8)	3:A:8:PCW:P	2:B:49:GLU:OE2	6	5.38
(1,8)	3:A:8:PCW:P	2:B:50:THR:C	6	5.38
(1,8)	3:A:8:PCW:P	2:B:50:THR:CA	6	5.38
(1,8)	3:A:8:PCW:P	2:B:50:THR:CB	6	5.38
(1,8)	3:A:8:PCW:P	2:B:50:THR:CG2	6	5.38
(1,8)	3:A:8:PCW:P	2:B:50:THR:H	6	5.38
(1,8)	3:A:8:PCW:P	2:B:50:THR:HG1	6	5.38
(1,8)	3:A:8:PCW:P	2:B:50:THR:N	6	5.38
(1,8)	3:A:8:PCW:P	2:B:50:THR:O	6	5.38
(1,8)	3:A:8:PCW:P	2:B:50:THR:OG1	6	5.38
(1,8)	3:A:8:PCW:P	2:B:51:CYS:C	6	5.38
(1,8)	3:A:8:PCW:P	2:B:51:CYS:CA	6	5.38
(1,8)	3:A:8:PCW:P	2:B:51:CYS:CB	6	5.38
(1,8)	3:A:8:PCW:P	2:B:51:CYS:H	6	5.38
(1,8)	3:A:8:PCW:P	2:B:51:CYS:HG	6	5.38
(1,8)	3:A:8:PCW:P	2:B:51:CYS:N	6	5.38
(1,8)	3:A:8:PCW:P	2:B:51:CYS:O	6	5.38
(1,8)	3:A:8:PCW:P	2:B:51:CYS:SG	6	5.38
(1,8)	3:A:8:PCW:P	2:B:105:ASP:C	6	5.38
(1,8)	3:A:8:PCW:P	2:B:105:ASP:CA	6	5.38
(1,8)	3:A:8:PCW:P	2:B:105:ASP:CB	6	5.38
(1,8)	3:A:8:PCW:P	2:B:105:ASP:CG	6	5.38
(1,8)	3:A:8:PCW:P	2:B:105:ASP:H	6	5.38
(1,8)	3:A:8:PCW:P	2:B:105:ASP:N	6	5.38
(1,8)	3:A:8:PCW:P	2:B:105:ASP:O	6	5.38
(1,8)	3:A:8:PCW:P	2:B:105:ASP:OD1	6	5.38
(1,8)	3:A:8:PCW:P	2:B:105:ASP:OD2	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:P	2:B:106:SER:C	6	5.38
(1,8)	3:A:8:PCW:P	2:B:106:SER:CA	6	5.38
(1,8)	3:A:8:PCW:P	2:B:106:SER:CB	6	5.38
(1,8)	3:A:8:PCW:P	2:B:106:SER:H	6	5.38
(1,8)	3:A:8:PCW:P	2:B:106:SER:HG	6	5.38
(1,8)	3:A:8:PCW:P	2:B:106:SER:N	6	5.38
(1,8)	3:A:8:PCW:P	2:B:106:SER:O	6	5.38
(1,8)	3:A:8:PCW:P	2:B:106:SER:OG	6	5.38
(1,8)	3:A:8:PCW:P	2:B:107:GLU:C	6	5.38
(1,8)	3:A:8:PCW:P	2:B:107:GLU:CA	6	5.38
(1,8)	3:A:8:PCW:P	2:B:107:GLU:CB	6	5.38
(1,8)	3:A:8:PCW:P	2:B:107:GLU:CD	6	5.38
(1,8)	3:A:8:PCW:P	2:B:107:GLU:CG	6	5.38
(1,8)	3:A:8:PCW:P	2:B:107:GLU:H	6	5.38
(1,8)	3:A:8:PCW:P	2:B:107:GLU:N	6	5.38
(1,8)	3:A:8:PCW:P	2:B:107:GLU:O	6	5.38
(1,8)	3:A:8:PCW:P	2:B:107:GLU:OE1	6	5.38
(1,8)	3:A:8:PCW:P	2:B:107:GLU:OE2	6	5.38
(1,8)	3:A:8:PCW:P	2:B:132:ASP:C	6	5.38
(1,8)	3:A:8:PCW:P	2:B:132:ASP:CA	6	5.38
(1,8)	3:A:8:PCW:P	2:B:132:ASP:CB	6	5.38
(1,8)	3:A:8:PCW:P	2:B:132:ASP:CG	6	5.38
(1,8)	3:A:8:PCW:P	2:B:132:ASP:H	6	5.38
(1,8)	3:A:8:PCW:P	2:B:132:ASP:N	6	5.38
(1,8)	3:A:8:PCW:P	2:B:132:ASP:O	6	5.38
(1,8)	3:A:8:PCW:P	2:B:132:ASP:OD1	6	5.38
(1,8)	3:A:8:PCW:P	2:B:132:ASP:OD2	6	5.38
(1,8)	3:A:8:PCW:P	2:B:133:LEU:C	6	5.38
(1,8)	3:A:8:PCW:P	2:B:133:LEU:CA	6	5.38
(1,8)	3:A:8:PCW:P	2:B:133:LEU:CB	6	5.38
(1,8)	3:A:8:PCW:P	2:B:133:LEU:CD1	6	5.38
(1,8)	3:A:8:PCW:P	2:B:133:LEU:CD2	6	5.38
(1,8)	3:A:8:PCW:P	2:B:133:LEU:CG	6	5.38
(1,8)	3:A:8:PCW:P	2:B:133:LEU:H	6	5.38
(1,8)	3:A:8:PCW:P	2:B:133:LEU:N	6	5.38
(1,8)	3:A:8:PCW:P	2:B:133:LEU:O	6	5.38
(1,8)	3:A:8:PCW:P	2:B:134:ALA:C	6	5.38
(1,8)	3:A:8:PCW:P	2:B:134:ALA:CA	6	5.38
(1,8)	3:A:8:PCW:P	2:B:134:ALA:CB	6	5.38
(1,8)	3:A:8:PCW:P	2:B:134:ALA:H	6	5.38
(1,8)	3:A:8:PCW:P	2:B:134:ALA:N	6	5.38
(1,8)	3:A:8:PCW:P	2:B:134:ALA:O	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:P	2:B:137:TYR:C	6	5.38
(1,8)	3:A:8:PCW:P	2:B:137:TYR:CA	6	5.38
(1,8)	3:A:8:PCW:P	2:B:137:TYR:CB	6	5.38
(1,8)	3:A:8:PCW:P	2:B:137:TYR:CD1	6	5.38
(1,8)	3:A:8:PCW:P	2:B:137:TYR:CD2	6	5.38
(1,8)	3:A:8:PCW:P	2:B:137:TYR:CE1	6	5.38
(1,8)	3:A:8:PCW:P	2:B:137:TYR:CE2	6	5.38
(1,8)	3:A:8:PCW:P	2:B:137:TYR:CG	6	5.38
(1,8)	3:A:8:PCW:P	2:B:137:TYR:CZ	6	5.38
(1,8)	3:A:8:PCW:P	2:B:137:TYR:H	6	5.38
(1,8)	3:A:8:PCW:P	2:B:137:TYR:HH	6	5.38
(1,8)	3:A:8:PCW:P	2:B:137:TYR:N	6	5.38
(1,8)	3:A:8:PCW:P	2:B:137:TYR:O	6	5.38
(1,8)	3:A:8:PCW:P	2:B:137:TYR:OH	6	5.38
(1,8)	3:A:8:PCW:P	2:B:138:GLY:C	6	5.38
(1,8)	3:A:8:PCW:P	2:B:138:GLY:CA	6	5.38
(1,8)	3:A:8:PCW:P	2:B:138:GLY:H	6	5.38
(1,8)	3:A:8:PCW:P	2:B:138:GLY:N	6	5.38
(1,8)	3:A:8:PCW:P	2:B:138:GLY:O	6	5.38
(1,8)	3:A:8:PCW:P	2:B:139:ILE:C	6	5.38
(1,8)	3:A:8:PCW:P	2:B:139:ILE:CA	6	5.38
(1,8)	3:A:8:PCW:P	2:B:139:ILE:CB	6	5.38
(1,8)	3:A:8:PCW:P	2:B:139:ILE:CD1	6	5.38
(1,8)	3:A:8:PCW:P	2:B:139:ILE:CG1	6	5.38
(1,8)	3:A:8:PCW:P	2:B:139:ILE:CG2	6	5.38
(1,8)	3:A:8:PCW:P	2:B:139:ILE:H	6	5.38
(1,8)	3:A:8:PCW:P	2:B:139:ILE:N	6	5.38
(1,8)	3:A:8:PCW:P	2:B:139:ILE:O	6	5.38
(1,8)	3:A:8:PCW:P	2:B:140:PRO:C	6	5.38
(1,8)	3:A:8:PCW:P	2:B:140:PRO:CA	6	5.38
(1,8)	3:A:8:PCW:P	2:B:140:PRO:CB	6	5.38
(1,8)	3:A:8:PCW:P	2:B:140:PRO:CD	6	5.38
(1,8)	3:A:8:PCW:P	2:B:140:PRO:CG	6	5.38
(1,8)	3:A:8:PCW:P	2:B:140:PRO:N	6	5.38
(1,8)	3:A:8:PCW:P	2:B:140:PRO:O	6	5.38
(1,8)	3:A:8:PCW:P	2:B:141:PHE:C	6	5.38
(1,8)	3:A:8:PCW:P	2:B:141:PHE:CA	6	5.38
(1,8)	3:A:8:PCW:P	2:B:141:PHE:CB	6	5.38
(1,8)	3:A:8:PCW:P	2:B:141:PHE:CD1	6	5.38
(1,8)	3:A:8:PCW:P	2:B:141:PHE:CD2	6	5.38
(1,8)	3:A:8:PCW:P	2:B:141:PHE:CE1	6	5.38
(1,8)	3:A:8:PCW:P	2:B:141:PHE:CE2	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:P	2:B:141:PHE:CG	6	5.38
(1,8)	3:A:8:PCW:P	2:B:141:PHE:CZ	6	5.38
(1,8)	3:A:8:PCW:P	2:B:141:PHE:H	6	5.38
(1,8)	3:A:8:PCW:P	2:B:141:PHE:N	6	5.38
(1,8)	3:A:8:PCW:P	2:B:141:PHE:O	6	5.38
(1,8)	3:A:8:PCW:P	2:B:142:ILE:C	6	5.38
(1,8)	3:A:8:PCW:P	2:B:142:ILE:CA	6	5.38
(1,8)	3:A:8:PCW:P	2:B:142:ILE:CB	6	5.38
(1,8)	3:A:8:PCW:P	2:B:142:ILE:CD1	6	5.38
(1,8)	3:A:8:PCW:P	2:B:142:ILE:CG1	6	5.38
(1,8)	3:A:8:PCW:P	2:B:142:ILE:CG2	6	5.38
(1,8)	3:A:8:PCW:P	2:B:142:ILE:H	6	5.38
(1,8)	3:A:8:PCW:P	2:B:142:ILE:N	6	5.38
(1,8)	3:A:8:PCW:P	2:B:142:ILE:O	6	5.38
(1,8)	3:A:8:PCW:P	2:B:143:GLU:C	6	5.38
(1,8)	3:A:8:PCW:P	2:B:143:GLU:CA	6	5.38
(1,8)	3:A:8:PCW:P	2:B:143:GLU:CB	6	5.38
(1,8)	3:A:8:PCW:P	2:B:143:GLU:CD	6	5.38
(1,8)	3:A:8:PCW:P	2:B:143:GLU:CG	6	5.38
(1,8)	3:A:8:PCW:P	2:B:143:GLU:H	6	5.38
(1,8)	3:A:8:PCW:P	2:B:143:GLU:N	6	5.38
(1,8)	3:A:8:PCW:P	2:B:143:GLU:O	6	5.38
(1,8)	3:A:8:PCW:P	2:B:143:GLU:OE1	6	5.38
(1,8)	3:A:8:PCW:P	2:B:143:GLU:OE2	6	5.38
(1,8)	3:A:8:PCW:P	2:B:158:THR:C	6	5.38
(1,8)	3:A:8:PCW:P	2:B:158:THR:CA	6	5.38
(1,8)	3:A:8:PCW:P	2:B:158:THR:CB	6	5.38
(1,8)	3:A:8:PCW:P	2:B:158:THR:CG2	6	5.38
(1,8)	3:A:8:PCW:P	2:B:158:THR:H	6	5.38
(1,8)	3:A:8:PCW:P	2:B:158:THR:HG1	6	5.38
(1,8)	3:A:8:PCW:P	2:B:158:THR:N	6	5.38
(1,8)	3:A:8:PCW:P	2:B:158:THR:O	6	5.38
(1,8)	3:A:8:PCW:P	2:B:158:THR:OG1	6	5.38
(1,8)	3:A:8:PCW:P	2:B:159:LEU:C	6	5.38
(1,8)	3:A:8:PCW:P	2:B:159:LEU:CA	6	5.38
(1,8)	3:A:8:PCW:P	2:B:159:LEU:CB	6	5.38
(1,8)	3:A:8:PCW:P	2:B:159:LEU:CD1	6	5.38
(1,8)	3:A:8:PCW:P	2:B:159:LEU:CD2	6	5.38
(1,8)	3:A:8:PCW:P	2:B:159:LEU:CG	6	5.38
(1,8)	3:A:8:PCW:P	2:B:159:LEU:H	6	5.38
(1,8)	3:A:8:PCW:P	2:B:159:LEU:N	6	5.38
(1,8)	3:A:8:PCW:P	2:B:159:LEU:O	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:P	2:B:160:VAL:C	6	5.38
(1,8)	3:A:8:PCW:P	2:B:160:VAL:CA	6	5.38
(1,8)	3:A:8:PCW:P	2:B:160:VAL:CB	6	5.38
(1,8)	3:A:8:PCW:P	2:B:160:VAL:CG1	6	5.38
(1,8)	3:A:8:PCW:P	2:B:160:VAL:CG2	6	5.38
(1,8)	3:A:8:PCW:P	2:B:160:VAL:H	6	5.38
(1,8)	3:A:8:PCW:P	2:B:160:VAL:N	6	5.38
(1,8)	3:A:8:PCW:P	2:B:160:VAL:O	6	5.38
(1,8)	3:A:8:PCW:P	2:B:170:MET:C	6	5.38
(1,8)	3:A:8:PCW:P	2:B:170:MET:CA	6	5.38
(1,8)	3:A:8:PCW:P	2:B:170:MET:CB	6	5.38
(1,8)	3:A:8:PCW:P	2:B:170:MET:CE	6	5.38
(1,8)	3:A:8:PCW:P	2:B:170:MET:CG	6	5.38
(1,8)	3:A:8:PCW:P	2:B:170:MET:H	6	5.38
(1,8)	3:A:8:PCW:P	2:B:170:MET:N	6	5.38
(1,8)	3:A:8:PCW:P	2:B:170:MET:O	6	5.38
(1,8)	3:A:8:PCW:P	2:B:170:MET:SD	6	5.38
(1,8)	3:A:8:PCW:P	2:B:171:SER:C	6	5.38
(1,8)	3:A:8:PCW:P	2:B:171:SER:CA	6	5.38
(1,8)	3:A:8:PCW:P	2:B:171:SER:CB	6	5.38
(1,8)	3:A:8:PCW:P	2:B:171:SER:H	6	5.38
(1,8)	3:A:8:PCW:P	2:B:171:SER:HG	6	5.38
(1,8)	3:A:8:PCW:P	2:B:171:SER:N	6	5.38
(1,8)	3:A:8:PCW:P	2:B:171:SER:O	6	5.38
(1,8)	3:A:8:PCW:P	2:B:171:SER:OG	6	5.38
(1,8)	3:A:8:PCW:P	2:B:172:LYS:C	6	5.38
(1,8)	3:A:8:PCW:P	2:B:172:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:P	2:B:172:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:P	2:B:172:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:P	2:B:172:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:P	2:B:172:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:P	2:B:172:LYS:H	6	5.38
(1,8)	3:A:8:PCW:P	2:B:172:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:P	2:B:172:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:P	2:B:172:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:P	2:B:172:LYS:N	6	5.38
(1,8)	3:A:8:PCW:P	2:B:172:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:P	2:B:172:LYS:O	6	5.38
(1,8)	3:A:8:PCW:P	2:B:173:ASP:C	6	5.38
(1,8)	3:A:8:PCW:P	2:B:173:ASP:CA	6	5.38
(1,8)	3:A:8:PCW:P	2:B:173:ASP:CB	6	5.38
(1,8)	3:A:8:PCW:P	2:B:173:ASP:CG	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:P	2:B:173:ASP:H	6	5.38
(1,8)	3:A:8:PCW:P	2:B:173:ASP:N	6	5.38
(1,8)	3:A:8:PCW:P	2:B:173:ASP:O	6	5.38
(1,8)	3:A:8:PCW:P	2:B:173:ASP:OD1	6	5.38
(1,8)	3:A:8:PCW:P	2:B:173:ASP:OD2	6	5.38
(1,8)	3:A:8:PCW:P	2:B:174:GLY:C	6	5.38
(1,8)	3:A:8:PCW:P	2:B:174:GLY:CA	6	5.38
(1,8)	3:A:8:PCW:P	2:B:174:GLY:H	6	5.38
(1,8)	3:A:8:PCW:P	2:B:174:GLY:N	6	5.38
(1,8)	3:A:8:PCW:P	2:B:174:GLY:O	6	5.38
(1,8)	3:A:8:PCW:P	2:B:175:LYS:C	6	5.38
(1,8)	3:A:8:PCW:P	2:B:175:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:P	2:B:175:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:P	2:B:175:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:P	2:B:175:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:P	2:B:175:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:P	2:B:175:LYS:H	6	5.38
(1,8)	3:A:8:PCW:P	2:B:175:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:P	2:B:175:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:P	2:B:175:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:P	2:B:175:LYS:N	6	5.38
(1,8)	3:A:8:PCW:P	2:B:175:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:P	2:B:175:LYS:O	6	5.38
(1,8)	3:A:8:PCW:P	2:B:176:LYS:C	6	5.38
(1,8)	3:A:8:PCW:P	2:B:176:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:P	2:B:176:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:P	2:B:176:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:P	2:B:176:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:P	2:B:176:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:P	2:B:176:LYS:H	6	5.38
(1,8)	3:A:8:PCW:P	2:B:176:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:P	2:B:176:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:P	2:B:176:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:P	2:B:176:LYS:N	6	5.38
(1,8)	3:A:8:PCW:P	2:B:176:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:P	2:B:176:LYS:O	6	5.38
(1,8)	3:A:8:PCW:P	2:B:177:LYS:C	6	5.38
(1,8)	3:A:8:PCW:P	2:B:177:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:P	2:B:177:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:P	2:B:177:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:P	2:B:177:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:P	2:B:177:LYS:CG	6	5.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:P	2:B:177:LYS:H	6	5.38
(1,8)	3:A:8:PCW:P	2:B:177:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:P	2:B:177:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:P	2:B:177:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:P	2:B:177:LYS:N	6	5.38
(1,8)	3:A:8:PCW:P	2:B:177:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:P	2:B:177:LYS:O	6	5.38
(1,8)	3:A:8:PCW:P	2:B:178:LYS:C	6	5.38
(1,8)	3:A:8:PCW:P	2:B:178:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:P	2:B:178:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:P	2:B:178:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:P	2:B:178:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:P	2:B:178:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:P	2:B:178:LYS:H	6	5.38
(1,8)	3:A:8:PCW:P	2:B:178:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:P	2:B:178:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:P	2:B:178:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:P	2:B:178:LYS:N	6	5.38
(1,8)	3:A:8:PCW:P	2:B:178:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:P	2:B:178:LYS:O	6	5.38
(1,8)	3:A:8:PCW:P	2:B:184:LYS:C	6	5.38
(1,8)	3:A:8:PCW:P	2:B:184:LYS:CA	6	5.38
(1,8)	3:A:8:PCW:P	2:B:184:LYS:CB	6	5.38
(1,8)	3:A:8:PCW:P	2:B:184:LYS:CD	6	5.38
(1,8)	3:A:8:PCW:P	2:B:184:LYS:CE	6	5.38
(1,8)	3:A:8:PCW:P	2:B:184:LYS:CG	6	5.38
(1,8)	3:A:8:PCW:P	2:B:184:LYS:H	6	5.38
(1,8)	3:A:8:PCW:P	2:B:184:LYS:HZ1	6	5.38
(1,8)	3:A:8:PCW:P	2:B:184:LYS:HZ2	6	5.38
(1,8)	3:A:8:PCW:P	2:B:184:LYS:HZ3	6	5.38
(1,8)	3:A:8:PCW:P	2:B:184:LYS:N	6	5.38
(1,8)	3:A:8:PCW:P	2:B:184:LYS:NZ	6	5.38
(1,8)	3:A:8:PCW:P	2:B:184:LYS:O	6	5.38
(1,8)	3:A:8:PCW:P	2:B:185:CYS:C	6	5.38
(1,8)	3:A:8:PCW:P	2:B:185:CYS:CA	6	5.38
(1,8)	3:A:8:PCW:P	2:B:185:CYS:CB	6	5.38
(1,8)	3:A:8:PCW:P	2:B:185:CYS:H	6	5.38
(1,8)	3:A:8:PCW:P	2:B:185:CYS:HG	6	5.38
(1,8)	3:A:8:PCW:P	2:B:185:CYS:N	6	5.38
(1,8)	3:A:8:PCW:P	2:B:185:CYS:O	6	5.38
(1,8)	3:A:8:PCW:P	2:B:185:CYS:SG	6	5.38
(1,15)	3:A:15:PCW:C11	2:B:1:MET:C	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:C11	2:B:1:MET:CA	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:1:MET:CB	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:1:MET:CE	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:1:MET:CG	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:1:MET:H	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:1:MET:N	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:1:MET:O	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:1:MET:SD	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:2:THR:C	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:2:THR:CA	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:2:THR:CB	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:2:THR:CG2	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:2:THR:H	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:2:THR:HG1	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:2:THR:N	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:2:THR:O	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:2:THR:OG1	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:3:GLU:C	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:3:GLU:CA	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:3:GLU:CB	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:3:GLU:CD	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:3:GLU:CG	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:3:GLU:H	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:3:GLU:N	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:3:GLU:O	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:3:GLU:OE1	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:3:GLU:OE2	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:4:TYR:C	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:4:TYR:CA	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:4:TYR:CB	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:4:TYR:CD1	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:4:TYR:CD2	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:4:TYR:CE1	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:4:TYR:CE2	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:4:TYR:CG	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:4:TYR:CZ	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:4:TYR:H	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:4:TYR:HH	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:4:TYR:N	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:4:TYR:O	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:4:TYR:OH	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:47:ASP:C	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:C11	2:B:47:ASP:CA	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:47:ASP:CB	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:47:ASP:CG	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:47:ASP:H	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:47:ASP:N	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:47:ASP:O	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:47:ASP:OD1	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:47:ASP:OD2	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:48:GLY:C	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:48:GLY:CA	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:48:GLY:H	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:48:GLY:N	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:48:GLY:O	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:49:GLU:C	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:49:GLU:CA	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:49:GLU:CB	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:49:GLU:CD	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:49:GLU:CG	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:49:GLU:H	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:49:GLU:N	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:49:GLU:O	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:49:GLU:OE1	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:49:GLU:OE2	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:50:THR:C	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:50:THR:CA	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:50:THR:CB	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:50:THR:CG2	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:50:THR:H	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:50:THR:HG1	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:50:THR:N	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:50:THR:O	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:50:THR:OG1	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:51:CYS:C	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:51:CYS:CA	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:51:CYS:CB	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:51:CYS:H	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:51:CYS:HG	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:51:CYS:N	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:51:CYS:O	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:51:CYS:SG	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:105:ASP:C	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:105:ASP:CA	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:C11	2:B:105:ASP:CB	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:105:ASP:CG	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:105:ASP:H	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:105:ASP:N	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:105:ASP:O	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:105:ASP:OD1	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:105:ASP:OD2	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:106:SER:C	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:106:SER:CA	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:106:SER:CB	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:106:SER:H	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:106:SER:HG	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:106:SER:N	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:106:SER:O	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:106:SER:OG	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:107:GLU:C	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:107:GLU:CA	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:107:GLU:CB	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:107:GLU:CD	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:107:GLU:CG	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:107:GLU:H	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:107:GLU:N	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:107:GLU:O	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:107:GLU:OE1	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:107:GLU:OE2	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:132:ASP:C	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:132:ASP:CA	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:132:ASP:CB	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:132:ASP:CG	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:132:ASP:H	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:132:ASP:N	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:132:ASP:O	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:132:ASP:OD1	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:132:ASP:OD2	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:133:LEU:C	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:133:LEU:CA	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:133:LEU:CB	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:133:LEU:CD1	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:133:LEU:CD2	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:133:LEU:CG	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:133:LEU:H	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:133:LEU:N	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:C11	2:B:133:LEU:O	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:134:ALA:C	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:134:ALA:CA	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:134:ALA:CB	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:134:ALA:H	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:134:ALA:N	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:134:ALA:O	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:137:TYR:C	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:137:TYR:CA	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:137:TYR:CB	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:137:TYR:CD1	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:137:TYR:CD2	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:137:TYR:CE1	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:137:TYR:CE2	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:137:TYR:CG	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:137:TYR:CZ	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:137:TYR:H	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:137:TYR:HH	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:137:TYR:N	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:137:TYR:O	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:137:TYR:OH	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:138:GLY:C	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:138:GLY:CA	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:138:GLY:H	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:138:GLY:N	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:138:GLY:O	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:139:ILE:C	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:139:ILE:CA	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:139:ILE:CB	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:139:ILE:CD1	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:139:ILE:CG1	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:139:ILE:CG2	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:139:ILE:H	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:139:ILE:N	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:139:ILE:O	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:140:PRO:C	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:140:PRO:CA	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:140:PRO:CB	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:140:PRO:CD	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:140:PRO:CG	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:140:PRO:N	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:140:PRO:O	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:C11	2:B:141:PHE:C	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:141:PHE:CA	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:141:PHE:CB	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:141:PHE:CD1	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:141:PHE:CD2	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:141:PHE:CE1	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:141:PHE:CE2	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:141:PHE:CG	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:141:PHE:CZ	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:141:PHE:H	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:141:PHE:N	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:141:PHE:O	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:142:ILE:C	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:142:ILE:CA	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:142:ILE:CB	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:142:ILE:CD1	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:142:ILE:CG1	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:142:ILE:CG2	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:142:ILE:H	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:142:ILE:N	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:142:ILE:O	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:143:GLU:C	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:143:GLU:CA	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:143:GLU:CB	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:143:GLU:CD	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:143:GLU:CG	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:143:GLU:H	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:143:GLU:N	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:143:GLU:O	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:143:GLU:OE1	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:143:GLU:OE2	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:158:THR:C	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:158:THR:CA	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:158:THR:CB	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:158:THR:CG2	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:158:THR:H	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:158:THR:HG1	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:158:THR:N	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:158:THR:O	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:158:THR:OG1	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:159:LEU:C	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:159:LEU:CA	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:C11	2:B:159:LEU:CB	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:159:LEU:CD1	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:159:LEU:CD2	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:159:LEU:CG	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:159:LEU:H	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:159:LEU:N	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:159:LEU:O	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:160:VAL:C	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:160:VAL:CA	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:160:VAL:CB	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:160:VAL:CG1	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:160:VAL:CG2	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:160:VAL:H	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:160:VAL:N	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:160:VAL:O	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:170:MET:C	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:170:MET:CA	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:170:MET:CB	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:170:MET:CE	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:170:MET:CG	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:170:MET:H	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:170:MET:N	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:170:MET:O	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:170:MET:SD	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:171:SER:C	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:171:SER:CA	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:171:SER:CB	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:171:SER:H	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:171:SER:HG	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:171:SER:N	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:171:SER:O	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:171:SER:OG	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:172:LYS:C	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:172:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:172:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:172:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:172:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:172:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:172:LYS:H	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:172:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:172:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:172:LYS:HZ3	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:C11	2:B:172:LYS:N	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:172:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:172:LYS:O	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:173:ASP:C	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:173:ASP:CA	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:173:ASP:CB	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:173:ASP:CG	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:173:ASP:H	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:173:ASP:N	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:173:ASP:O	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:173:ASP:OD1	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:173:ASP:OD2	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:174:GLY:C	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:174:GLY:CA	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:174:GLY:H	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:174:GLY:N	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:174:GLY:O	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:175:LYS:C	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:175:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:175:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:175:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:175:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:175:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:175:LYS:H	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:175:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:175:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:175:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:175:LYS:N	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:175:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:175:LYS:O	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:176:LYS:C	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:176:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:176:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:176:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:176:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:176:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:176:LYS:H	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:176:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:176:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:176:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:176:LYS:N	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:176:LYS:NZ	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:C11	2:B:176:LYS:O	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:177:LYS:C	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:177:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:177:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:177:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:177:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:177:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:177:LYS:H	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:177:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:177:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:177:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:177:LYS:N	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:177:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:177:LYS:O	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:178:LYS:C	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:178:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:178:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:178:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:178:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:178:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:178:LYS:H	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:178:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:178:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:178:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:178:LYS:N	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:178:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:178:LYS:O	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:184:LYS:C	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:184:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:184:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:184:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:184:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:184:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:184:LYS:H	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:184:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:184:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:184:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:184:LYS:N	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:184:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:184:LYS:O	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:185:CYS:C	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:185:CYS:CA	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:C11	2:B:185:CYS:CB	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:185:CYS:H	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:185:CYS:HG	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:185:CYS:N	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:185:CYS:O	1	4.98
(1,15)	3:A:15:PCW:C11	2:B:185:CYS:SG	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:1:MET:C	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:1:MET:CA	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:1:MET:CB	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:1:MET:CE	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:1:MET:CG	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:1:MET:H	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:1:MET:N	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:1:MET:O	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:1:MET:SD	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:2:THR:C	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:2:THR:CA	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:2:THR:CB	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:2:THR:CG2	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:2:THR:H	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:2:THR:HG1	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:2:THR:N	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:2:THR:O	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:2:THR:OG1	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:3:GLU:C	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:3:GLU:CA	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:3:GLU:CB	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:3:GLU:CD	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:3:GLU:CG	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:3:GLU:H	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:3:GLU:N	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:3:GLU:O	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:3:GLU:OE1	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:3:GLU:OE2	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:4:TYR:C	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:4:TYR:CA	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:4:TYR:CB	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:4:TYR:CD1	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:4:TYR:CD2	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:4:TYR:CE1	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:4:TYR:CE2	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:4:TYR:CG	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:C12	2:B:4:TYR:CZ	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:4:TYR:H	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:4:TYR:HH	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:4:TYR:N	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:4:TYR:O	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:4:TYR:OH	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:47:ASP:C	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:47:ASP:CA	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:47:ASP:CB	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:47:ASP:CG	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:47:ASP:H	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:47:ASP:N	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:47:ASP:O	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:47:ASP:OD1	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:47:ASP:OD2	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:48:GLY:C	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:48:GLY:CA	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:48:GLY:H	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:48:GLY:N	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:48:GLY:O	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:49:GLU:C	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:49:GLU:CA	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:49:GLU:CB	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:49:GLU:CD	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:49:GLU:CG	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:49:GLU:H	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:49:GLU:N	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:49:GLU:O	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:49:GLU:OE1	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:49:GLU:OE2	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:50:THR:C	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:50:THR:CA	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:50:THR:CB	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:50:THR:CG2	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:50:THR:H	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:50:THR:HG1	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:50:THR:N	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:50:THR:O	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:50:THR:OG1	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:51:CYS:C	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:51:CYS:CA	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:51:CYS:CB	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:C12	2:B:51:CYS:H	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:51:CYS:HG	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:51:CYS:N	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:51:CYS:O	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:51:CYS:SG	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:105:ASP:C	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:105:ASP:CA	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:105:ASP:CB	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:105:ASP:CG	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:105:ASP:H	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:105:ASP:N	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:105:ASP:O	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:105:ASP:OD1	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:105:ASP:OD2	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:106:SER:C	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:106:SER:CA	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:106:SER:CB	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:106:SER:H	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:106:SER:HG	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:106:SER:N	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:106:SER:O	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:106:SER:OG	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:107:GLU:C	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:107:GLU:CA	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:107:GLU:CB	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:107:GLU:CD	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:107:GLU:CG	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:107:GLU:H	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:107:GLU:N	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:107:GLU:O	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:107:GLU:OE1	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:107:GLU:OE2	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:132:ASP:C	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:132:ASP:CA	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:132:ASP:CB	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:132:ASP:CG	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:132:ASP:H	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:132:ASP:N	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:132:ASP:O	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:132:ASP:OD1	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:132:ASP:OD2	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:133:LEU:C	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:C12	2:B:133:LEU:CA	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:133:LEU:CB	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:133:LEU:CD1	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:133:LEU:CD2	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:133:LEU:CG	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:133:LEU:H	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:133:LEU:N	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:133:LEU:O	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:134:ALA:C	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:134:ALA:CA	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:134:ALA:CB	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:134:ALA:H	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:134:ALA:N	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:134:ALA:O	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:137:TYR:C	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:137:TYR:CA	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:137:TYR:CB	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:137:TYR:CD1	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:137:TYR:CD2	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:137:TYR:CE1	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:137:TYR:CE2	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:137:TYR:CG	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:137:TYR:CZ	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:137:TYR:H	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:137:TYR:HH	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:137:TYR:N	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:137:TYR:O	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:137:TYR:OH	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:138:GLY:C	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:138:GLY:CA	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:138:GLY:H	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:138:GLY:N	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:138:GLY:O	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:139:ILE:C	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:139:ILE:CA	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:139:ILE:CB	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:139:ILE:CD1	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:139:ILE:CG1	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:139:ILE:CG2	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:139:ILE:H	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:139:ILE:N	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:139:ILE:O	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:C12	2:B:140:PRO:C	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:140:PRO:CA	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:140:PRO:CB	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:140:PRO:CD	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:140:PRO:CG	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:140:PRO:N	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:140:PRO:O	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:141:PHE:C	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:141:PHE:CA	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:141:PHE:CB	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:141:PHE:CD1	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:141:PHE:CD2	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:141:PHE:CE1	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:141:PHE:CE2	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:141:PHE:CG	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:141:PHE:CZ	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:141:PHE:H	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:141:PHE:N	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:141:PHE:O	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:142:ILE:C	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:142:ILE:CA	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:142:ILE:CB	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:142:ILE:CD1	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:142:ILE:CG1	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:142:ILE:CG2	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:142:ILE:H	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:142:ILE:N	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:142:ILE:O	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:143:GLU:C	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:143:GLU:CA	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:143:GLU:CB	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:143:GLU:CD	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:143:GLU:CG	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:143:GLU:H	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:143:GLU:N	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:143:GLU:O	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:143:GLU:OE1	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:143:GLU:OE2	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:158:THR:C	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:158:THR:CA	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:158:THR:CB	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:158:THR:CG2	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:C12	2:B:158:THR:H	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:158:THR:HG1	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:158:THR:N	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:158:THR:O	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:158:THR:OG1	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:159:LEU:C	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:159:LEU:CA	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:159:LEU:CB	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:159:LEU:CD1	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:159:LEU:CD2	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:159:LEU:CG	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:159:LEU:H	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:159:LEU:N	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:159:LEU:O	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:160:VAL:C	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:160:VAL:CA	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:160:VAL:CB	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:160:VAL:CG1	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:160:VAL:CG2	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:160:VAL:H	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:160:VAL:N	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:160:VAL:O	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:170:MET:C	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:170:MET:CA	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:170:MET:CB	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:170:MET:CE	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:170:MET:CG	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:170:MET:H	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:170:MET:N	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:170:MET:O	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:170:MET:SD	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:171:SER:C	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:171:SER:CA	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:171:SER:CB	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:171:SER:H	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:171:SER:HG	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:171:SER:N	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:171:SER:O	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:171:SER:OG	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:172:LYS:C	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:172:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:172:LYS:CB	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:C12	2:B:172:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:172:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:172:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:172:LYS:H	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:172:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:172:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:172:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:172:LYS:N	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:172:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:172:LYS:O	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:173:ASP:C	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:173:ASP:CA	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:173:ASP:CB	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:173:ASP:CG	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:173:ASP:H	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:173:ASP:N	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:173:ASP:O	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:173:ASP:OD1	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:173:ASP:OD2	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:174:GLY:C	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:174:GLY:CA	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:174:GLY:H	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:174:GLY:N	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:174:GLY:O	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:175:LYS:C	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:175:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:175:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:175:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:175:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:175:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:175:LYS:H	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:175:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:175:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:175:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:175:LYS:N	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:175:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:175:LYS:O	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:176:LYS:C	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:176:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:176:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:176:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:176:LYS:CE	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:C12	2:B:176:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:176:LYS:H	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:176:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:176:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:176:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:176:LYS:N	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:176:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:176:LYS:O	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:177:LYS:C	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:177:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:177:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:177:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:177:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:177:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:177:LYS:H	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:177:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:177:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:177:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:177:LYS:N	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:177:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:177:LYS:O	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:178:LYS:C	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:178:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:178:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:178:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:178:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:178:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:178:LYS:H	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:178:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:178:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:178:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:178:LYS:N	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:178:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:178:LYS:O	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:184:LYS:C	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:184:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:184:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:184:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:184:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:184:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:184:LYS:H	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:184:LYS:HZ1	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:C12	2:B:184:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:184:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:184:LYS:N	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:184:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:184:LYS:O	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:185:CYS:C	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:185:CYS:CA	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:185:CYS:CB	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:185:CYS:H	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:185:CYS:HG	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:185:CYS:N	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:185:CYS:O	1	4.98
(1,15)	3:A:15:PCW:C12	2:B:185:CYS:SG	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:1:MET:C	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:1:MET:CA	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:1:MET:CB	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:1:MET:CE	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:1:MET:CG	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:1:MET:H	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:1:MET:N	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:1:MET:O	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:1:MET:SD	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:2:THR:C	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:2:THR:CA	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:2:THR:CB	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:2:THR:CG2	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:2:THR:H	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:2:THR:HG1	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:2:THR:N	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:2:THR:O	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:2:THR:OG1	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:3:GLU:C	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:3:GLU:CA	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:3:GLU:CB	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:3:GLU:CD	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:3:GLU:CG	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:3:GLU:H	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:3:GLU:N	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:3:GLU:O	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:3:GLU:OE1	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:3:GLU:OE2	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:4:TYR:C	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:C13	2:B:4:TYR:CA	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:4:TYR:CB	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:4:TYR:CD1	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:4:TYR:CD2	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:4:TYR:CE1	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:4:TYR:CE2	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:4:TYR:CG	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:4:TYR:CZ	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:4:TYR:H	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:4:TYR:HH	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:4:TYR:N	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:4:TYR:O	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:4:TYR:OH	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:47:ASP:C	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:47:ASP:CA	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:47:ASP:CB	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:47:ASP:CG	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:47:ASP:H	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:47:ASP:N	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:47:ASP:O	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:47:ASP:OD1	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:47:ASP:OD2	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:48:GLY:C	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:48:GLY:CA	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:48:GLY:H	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:48:GLY:N	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:48:GLY:O	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:49:GLU:C	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:49:GLU:CA	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:49:GLU:CB	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:49:GLU:CD	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:49:GLU:CG	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:49:GLU:H	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:49:GLU:N	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:49:GLU:O	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:49:GLU:OE1	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:49:GLU:OE2	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:50:THR:C	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:50:THR:CA	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:50:THR:CB	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:50:THR:CG2	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:50:THR:H	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:C13	2:B:50:THR:HG1	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:50:THR:N	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:50:THR:O	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:50:THR:OG1	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:51:CYS:C	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:51:CYS:CA	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:51:CYS:CB	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:51:CYS:H	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:51:CYS:HG	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:51:CYS:N	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:51:CYS:O	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:51:CYS:SG	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:105:ASP:C	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:105:ASP:CA	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:105:ASP:CB	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:105:ASP:CG	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:105:ASP:H	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:105:ASP:N	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:105:ASP:O	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:105:ASP:OD1	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:105:ASP:OD2	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:106:SER:C	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:106:SER:CA	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:106:SER:CB	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:106:SER:H	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:106:SER:HG	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:106:SER:N	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:106:SER:O	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:106:SER:OG	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:107:GLU:C	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:107:GLU:CA	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:107:GLU:CB	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:107:GLU:CD	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:107:GLU:CG	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:107:GLU:H	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:107:GLU:N	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:107:GLU:O	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:107:GLU:OE1	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:107:GLU:OE2	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:132:ASP:C	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:132:ASP:CA	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:132:ASP:CB	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:C13	2:B:132:ASP:CG	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:132:ASP:H	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:132:ASP:N	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:132:ASP:O	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:132:ASP:OD1	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:132:ASP:OD2	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:133:LEU:C	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:133:LEU:CA	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:133:LEU:CB	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:133:LEU:CD1	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:133:LEU:CD2	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:133:LEU:CG	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:133:LEU:H	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:133:LEU:N	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:133:LEU:O	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:134:ALA:C	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:134:ALA:CA	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:134:ALA:CB	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:134:ALA:H	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:134:ALA:N	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:134:ALA:O	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:137:TYR:C	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:137:TYR:CA	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:137:TYR:CB	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:137:TYR:CD1	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:137:TYR:CD2	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:137:TYR:CE1	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:137:TYR:CE2	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:137:TYR:CG	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:137:TYR:CZ	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:137:TYR:H	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:137:TYR:HH	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:137:TYR:N	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:137:TYR:O	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:137:TYR:OH	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:138:GLY:C	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:138:GLY:CA	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:138:GLY:H	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:138:GLY:N	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:138:GLY:O	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:139:ILE:C	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:139:ILE:CA	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:C13	2:B:139:ILE:CB	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:139:ILE:CD1	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:139:ILE:CG1	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:139:ILE:CG2	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:139:ILE:H	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:139:ILE:N	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:139:ILE:O	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:140:PRO:C	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:140:PRO:CA	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:140:PRO:CB	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:140:PRO:CD	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:140:PRO:CG	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:140:PRO:N	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:140:PRO:O	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:141:PHE:C	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:141:PHE:CA	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:141:PHE:CB	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:141:PHE:CD1	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:141:PHE:CD2	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:141:PHE:CE1	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:141:PHE:CE2	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:141:PHE:CG	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:141:PHE:CZ	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:141:PHE:H	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:141:PHE:N	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:141:PHE:O	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:142:ILE:C	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:142:ILE:CA	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:142:ILE:CB	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:142:ILE:CD1	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:142:ILE:CG1	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:142:ILE:CG2	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:142:ILE:H	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:142:ILE:N	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:142:ILE:O	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:143:GLU:C	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:143:GLU:CA	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:143:GLU:CB	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:143:GLU:CD	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:143:GLU:CG	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:143:GLU:H	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:143:GLU:N	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:C13	2:B:143:GLU:O	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:143:GLU:OE1	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:143:GLU:OE2	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:158:THR:C	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:158:THR:CA	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:158:THR:CB	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:158:THR:CG2	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:158:THR:H	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:158:THR:HG1	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:158:THR:N	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:158:THR:O	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:158:THR:OG1	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:159:LEU:C	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:159:LEU:CA	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:159:LEU:CB	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:159:LEU:CD1	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:159:LEU:CD2	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:159:LEU:CG	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:159:LEU:H	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:159:LEU:N	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:159:LEU:O	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:160:VAL:C	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:160:VAL:CA	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:160:VAL:CB	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:160:VAL:CG1	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:160:VAL:CG2	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:160:VAL:H	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:160:VAL:N	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:160:VAL:O	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:170:MET:C	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:170:MET:CA	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:170:MET:CB	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:170:MET:CE	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:170:MET:CG	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:170:MET:H	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:170:MET:N	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:170:MET:O	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:170:MET:SD	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:171:SER:C	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:171:SER:CA	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:171:SER:CB	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:171:SER:H	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:C13	2:B:171:SER:HG	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:171:SER:N	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:171:SER:O	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:171:SER:OG	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:172:LYS:C	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:172:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:172:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:172:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:172:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:172:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:172:LYS:H	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:172:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:172:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:172:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:172:LYS:N	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:172:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:172:LYS:O	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:173:ASP:C	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:173:ASP:CA	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:173:ASP:CB	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:173:ASP:CG	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:173:ASP:H	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:173:ASP:N	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:173:ASP:O	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:173:ASP:OD1	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:173:ASP:OD2	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:174:GLY:C	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:174:GLY:CA	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:174:GLY:H	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:174:GLY:N	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:174:GLY:O	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:175:LYS:C	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:175:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:175:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:175:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:175:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:175:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:175:LYS:H	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:175:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:175:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:175:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:175:LYS:N	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:C13	2:B:175:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:175:LYS:O	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:176:LYS:C	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:176:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:176:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:176:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:176:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:176:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:176:LYS:H	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:176:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:176:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:176:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:176:LYS:N	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:176:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:176:LYS:O	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:177:LYS:C	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:177:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:177:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:177:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:177:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:177:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:177:LYS:H	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:177:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:177:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:177:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:177:LYS:N	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:177:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:177:LYS:O	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:178:LYS:C	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:178:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:178:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:178:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:178:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:178:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:178:LYS:H	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:178:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:178:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:178:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:178:LYS:N	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:178:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:178:LYS:O	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:184:LYS:C	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:C13	2:B:184:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:184:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:184:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:184:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:184:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:184:LYS:H	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:184:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:184:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:184:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:184:LYS:N	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:184:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:184:LYS:O	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:185:CYS:C	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:185:CYS:CA	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:185:CYS:CB	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:185:CYS:H	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:185:CYS:HG	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:185:CYS:N	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:185:CYS:O	1	4.98
(1,15)	3:A:15:PCW:C13	2:B:185:CYS:SG	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:1:MET:C	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:1:MET:CA	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:1:MET:CB	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:1:MET:CE	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:1:MET:CG	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:1:MET:H	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:1:MET:N	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:1:MET:O	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:1:MET:SD	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:2:THR:C	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:2:THR:CA	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:2:THR:CB	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:2:THR:CG2	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:2:THR:H	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:2:THR:HG1	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:2:THR:N	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:2:THR:O	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:2:THR:OG1	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:3:GLU:C	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:3:GLU:CA	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:3:GLU:CB	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:3:GLU:CD	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:C14	2:B:3:GLU:CG	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:3:GLU:H	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:3:GLU:N	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:3:GLU:O	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:3:GLU:OE1	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:3:GLU:OE2	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:4:TYR:C	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:4:TYR:CA	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:4:TYR:CB	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:4:TYR:CD1	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:4:TYR:CD2	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:4:TYR:CE1	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:4:TYR:CE2	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:4:TYR:CG	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:4:TYR:CZ	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:4:TYR:H	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:4:TYR:HH	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:4:TYR:N	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:4:TYR:O	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:4:TYR:OH	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:47:ASP:C	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:47:ASP:CA	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:47:ASP:CB	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:47:ASP:CG	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:47:ASP:H	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:47:ASP:N	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:47:ASP:O	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:47:ASP:OD1	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:47:ASP:OD2	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:48:GLY:C	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:48:GLY:CA	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:48:GLY:H	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:48:GLY:N	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:48:GLY:O	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:49:GLU:C	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:49:GLU:CA	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:49:GLU:CB	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:49:GLU:CD	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:49:GLU:CG	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:49:GLU:H	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:49:GLU:N	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:49:GLU:O	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:C14	2:B:49:GLU:OE1	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:49:GLU:OE2	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:50:THR:C	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:50:THR:CA	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:50:THR:CB	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:50:THR:CG2	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:50:THR:H	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:50:THR:HG1	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:50:THR:N	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:50:THR:O	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:50:THR:OG1	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:51:CYS:C	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:51:CYS:CA	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:51:CYS:CB	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:51:CYS:H	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:51:CYS:HG	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:51:CYS:N	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:51:CYS:O	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:51:CYS:SG	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:105:ASP:C	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:105:ASP:CA	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:105:ASP:CB	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:105:ASP:CG	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:105:ASP:H	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:105:ASP:N	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:105:ASP:O	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:105:ASP:OD1	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:105:ASP:OD2	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:106:SER:C	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:106:SER:CA	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:106:SER:CB	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:106:SER:H	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:106:SER:HG	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:106:SER:N	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:106:SER:O	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:106:SER:OG	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:107:GLU:C	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:107:GLU:CA	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:107:GLU:CB	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:107:GLU:CD	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:107:GLU:CG	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:107:GLU:H	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:C14	2:B:107:GLU:N	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:107:GLU:O	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:107:GLU:OE1	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:107:GLU:OE2	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:132:ASP:C	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:132:ASP:CA	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:132:ASP:CB	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:132:ASP:CG	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:132:ASP:H	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:132:ASP:N	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:132:ASP:O	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:132:ASP:OD1	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:132:ASP:OD2	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:133:LEU:C	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:133:LEU:CA	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:133:LEU:CB	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:133:LEU:CD1	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:133:LEU:CD2	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:133:LEU:CG	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:133:LEU:H	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:133:LEU:N	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:133:LEU:O	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:134:ALA:C	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:134:ALA:CA	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:134:ALA:CB	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:134:ALA:H	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:134:ALA:N	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:134:ALA:O	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:137:TYR:C	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:137:TYR:CA	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:137:TYR:CB	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:137:TYR:CD1	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:137:TYR:CD2	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:137:TYR:CE1	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:137:TYR:CE2	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:137:TYR:CG	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:137:TYR:CZ	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:137:TYR:H	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:137:TYR:HH	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:137:TYR:N	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:137:TYR:O	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:137:TYR:OH	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:C14	2:B:138:GLY:C	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:138:GLY:CA	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:138:GLY:H	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:138:GLY:N	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:138:GLY:O	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:139:ILE:C	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:139:ILE:CA	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:139:ILE:CB	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:139:ILE:CD1	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:139:ILE:CG1	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:139:ILE:CG2	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:139:ILE:H	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:139:ILE:N	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:139:ILE:O	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:140:PRO:C	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:140:PRO:CA	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:140:PRO:CB	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:140:PRO:CD	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:140:PRO:CG	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:140:PRO:N	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:140:PRO:O	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:141:PHE:C	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:141:PHE:CA	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:141:PHE:CB	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:141:PHE:CD1	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:141:PHE:CD2	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:141:PHE:CE1	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:141:PHE:CE2	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:141:PHE:CG	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:141:PHE:CZ	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:141:PHE:H	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:141:PHE:N	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:141:PHE:O	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:142:ILE:C	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:142:ILE:CA	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:142:ILE:CB	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:142:ILE:CD1	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:142:ILE:CG1	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:142:ILE:CG2	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:142:ILE:H	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:142:ILE:N	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:142:ILE:O	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:C14	2:B:143:GLU:C	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:143:GLU:CA	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:143:GLU:CB	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:143:GLU:CD	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:143:GLU:CG	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:143:GLU:H	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:143:GLU:N	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:143:GLU:O	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:143:GLU:OE1	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:143:GLU:OE2	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:158:THR:C	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:158:THR:CA	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:158:THR:CB	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:158:THR:CG2	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:158:THR:H	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:158:THR:HG1	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:158:THR:N	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:158:THR:O	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:158:THR:OG1	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:159:LEU:C	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:159:LEU:CA	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:159:LEU:CB	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:159:LEU:CD1	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:159:LEU:CD2	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:159:LEU:CG	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:159:LEU:H	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:159:LEU:N	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:159:LEU:O	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:160:VAL:C	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:160:VAL:CA	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:160:VAL:CB	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:160:VAL:CG1	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:160:VAL:CG2	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:160:VAL:H	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:160:VAL:N	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:160:VAL:O	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:170:MET:C	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:170:MET:CA	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:170:MET:CB	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:170:MET:CE	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:170:MET:CG	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:170:MET:H	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:C14	2:B:170:MET:N	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:170:MET:O	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:170:MET:SD	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:171:SER:C	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:171:SER:CA	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:171:SER:CB	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:171:SER:H	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:171:SER:HG	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:171:SER:N	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:171:SER:O	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:171:SER:OG	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:172:LYS:C	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:172:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:172:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:172:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:172:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:172:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:172:LYS:H	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:172:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:172:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:172:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:172:LYS:N	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:172:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:172:LYS:O	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:173:ASP:C	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:173:ASP:CA	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:173:ASP:CB	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:173:ASP:CG	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:173:ASP:H	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:173:ASP:N	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:173:ASP:O	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:173:ASP:OD1	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:173:ASP:OD2	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:174:GLY:C	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:174:GLY:CA	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:174:GLY:H	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:174:GLY:N	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:174:GLY:O	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:175:LYS:C	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:175:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:175:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:175:LYS:CD	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:C14	2:B:175:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:175:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:175:LYS:H	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:175:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:175:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:175:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:175:LYS:N	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:175:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:175:LYS:O	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:176:LYS:C	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:176:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:176:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:176:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:176:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:176:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:176:LYS:H	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:176:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:176:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:176:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:176:LYS:N	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:176:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:176:LYS:O	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:177:LYS:C	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:177:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:177:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:177:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:177:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:177:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:177:LYS:H	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:177:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:177:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:177:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:177:LYS:N	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:177:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:177:LYS:O	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:178:LYS:C	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:178:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:178:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:178:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:178:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:178:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:178:LYS:H	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:C14	2:B:178:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:178:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:178:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:178:LYS:N	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:178:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:178:LYS:O	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:184:LYS:C	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:184:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:184:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:184:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:184:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:184:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:184:LYS:H	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:184:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:184:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:184:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:184:LYS:N	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:184:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:184:LYS:O	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:185:CYS:C	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:185:CYS:CA	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:185:CYS:CB	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:185:CYS:H	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:185:CYS:HG	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:185:CYS:N	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:185:CYS:O	1	4.98
(1,15)	3:A:15:PCW:C14	2:B:185:CYS:SG	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:1:MET:C	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:1:MET:CA	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:1:MET:CB	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:1:MET:CE	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:1:MET:CG	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:1:MET:H	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:1:MET:N	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:1:MET:O	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:1:MET:SD	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:2:THR:C	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:2:THR:CA	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:2:THR:CB	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:2:THR:CG2	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:2:THR:H	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:2:THR:HG1	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:C15	2:B:2:THR:N	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:2:THR:O	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:2:THR:OG1	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:3:GLU:C	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:3:GLU:CA	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:3:GLU:CB	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:3:GLU:CD	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:3:GLU:CG	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:3:GLU:H	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:3:GLU:N	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:3:GLU:O	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:3:GLU:OE1	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:3:GLU:OE2	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:4:TYR:C	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:4:TYR:CA	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:4:TYR:CB	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:4:TYR:CD1	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:4:TYR:CD2	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:4:TYR:CE1	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:4:TYR:CE2	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:4:TYR:CG	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:4:TYR:CZ	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:4:TYR:H	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:4:TYR:HH	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:4:TYR:N	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:4:TYR:O	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:4:TYR:OH	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:47:ASP:C	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:47:ASP:CA	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:47:ASP:CB	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:47:ASP:CG	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:47:ASP:H	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:47:ASP:N	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:47:ASP:O	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:47:ASP:OD1	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:47:ASP:OD2	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:48:GLY:C	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:48:GLY:CA	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:48:GLY:H	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:48:GLY:N	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:48:GLY:O	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:49:GLU:C	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:C15	2:B:49:GLU:CA	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:49:GLU:CB	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:49:GLU:CD	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:49:GLU:CG	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:49:GLU:H	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:49:GLU:N	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:49:GLU:O	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:49:GLU:OE1	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:49:GLU:OE2	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:50:THR:C	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:50:THR:CA	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:50:THR:CB	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:50:THR:CG2	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:50:THR:H	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:50:THR:HG1	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:50:THR:N	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:50:THR:O	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:50:THR:OG1	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:51:CYS:C	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:51:CYS:CA	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:51:CYS:CB	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:51:CYS:H	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:51:CYS:HG	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:51:CYS:N	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:51:CYS:O	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:51:CYS:SG	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:105:ASP:C	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:105:ASP:CA	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:105:ASP:CB	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:105:ASP:CG	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:105:ASP:H	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:105:ASP:N	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:105:ASP:O	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:105:ASP:OD1	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:105:ASP:OD2	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:106:SER:C	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:106:SER:CA	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:106:SER:CB	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:106:SER:H	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:106:SER:HG	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:106:SER:N	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:106:SER:O	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:C15	2:B:106:SER:OG	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:107:GLU:C	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:107:GLU:CA	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:107:GLU:CB	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:107:GLU:CD	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:107:GLU:CG	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:107:GLU:H	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:107:GLU:N	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:107:GLU:O	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:107:GLU:OE1	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:107:GLU:OE2	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:132:ASP:C	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:132:ASP:CA	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:132:ASP:CB	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:132:ASP:CG	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:132:ASP:H	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:132:ASP:N	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:132:ASP:O	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:132:ASP:OD1	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:132:ASP:OD2	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:133:LEU:C	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:133:LEU:CA	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:133:LEU:CB	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:133:LEU:CD1	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:133:LEU:CD2	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:133:LEU:CG	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:133:LEU:H	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:133:LEU:N	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:133:LEU:O	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:134:ALA:C	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:134:ALA:CA	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:134:ALA:CB	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:134:ALA:H	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:134:ALA:N	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:134:ALA:O	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:137:TYR:C	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:137:TYR:CA	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:137:TYR:CB	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:137:TYR:CD1	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:137:TYR:CD2	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:137:TYR:CE1	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:137:TYR:CE2	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:C15	2:B:137:TYR:CG	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:137:TYR:CZ	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:137:TYR:H	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:137:TYR:HH	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:137:TYR:N	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:137:TYR:O	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:137:TYR:OH	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:138:GLY:C	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:138:GLY:CA	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:138:GLY:H	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:138:GLY:N	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:138:GLY:O	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:139:ILE:C	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:139:ILE:CA	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:139:ILE:CB	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:139:ILE:CD1	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:139:ILE:CG1	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:139:ILE:CG2	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:139:ILE:H	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:139:ILE:N	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:139:ILE:O	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:140:PRO:C	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:140:PRO:CA	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:140:PRO:CB	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:140:PRO:CD	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:140:PRO:CG	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:140:PRO:N	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:140:PRO:O	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:141:PHE:C	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:141:PHE:CA	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:141:PHE:CB	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:141:PHE:CD1	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:141:PHE:CD2	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:141:PHE:CE1	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:141:PHE:CE2	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:141:PHE:CG	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:141:PHE:CZ	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:141:PHE:H	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:141:PHE:N	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:141:PHE:O	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:142:ILE:C	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:142:ILE:CA	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:C15	2:B:142:ILE:CB	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:142:ILE:CD1	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:142:ILE:CG1	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:142:ILE:CG2	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:142:ILE:H	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:142:ILE:N	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:142:ILE:O	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:143:GLU:C	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:143:GLU:CA	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:143:GLU:CB	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:143:GLU:CD	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:143:GLU:CG	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:143:GLU:H	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:143:GLU:N	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:143:GLU:O	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:143:GLU:OE1	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:143:GLU:OE2	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:158:THR:C	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:158:THR:CA	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:158:THR:CB	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:158:THR:CG2	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:158:THR:H	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:158:THR:HG1	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:158:THR:N	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:158:THR:O	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:158:THR:OG1	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:159:LEU:C	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:159:LEU:CA	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:159:LEU:CB	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:159:LEU:CD1	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:159:LEU:CD2	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:159:LEU:CG	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:159:LEU:H	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:159:LEU:N	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:159:LEU:O	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:160:VAL:C	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:160:VAL:CA	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:160:VAL:CB	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:160:VAL:CG1	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:160:VAL:CG2	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:160:VAL:H	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:160:VAL:N	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:C15	2:B:160:VAL:O	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:170:MET:C	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:170:MET:CA	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:170:MET:CB	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:170:MET:CE	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:170:MET:CG	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:170:MET:H	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:170:MET:N	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:170:MET:O	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:170:MET:SD	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:171:SER:C	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:171:SER:CA	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:171:SER:CB	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:171:SER:H	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:171:SER:HG	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:171:SER:N	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:171:SER:O	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:171:SER:OG	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:172:LYS:C	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:172:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:172:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:172:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:172:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:172:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:172:LYS:H	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:172:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:172:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:172:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:172:LYS:N	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:172:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:172:LYS:O	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:173:ASP:C	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:173:ASP:CA	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:173:ASP:CB	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:173:ASP:CG	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:173:ASP:H	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:173:ASP:N	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:173:ASP:O	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:173:ASP:OD1	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:173:ASP:OD2	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:174:GLY:C	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:174:GLY:CA	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:C15	2:B:174:GLY:H	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:174:GLY:N	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:174:GLY:O	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:175:LYS:C	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:175:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:175:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:175:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:175:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:175:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:175:LYS:H	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:175:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:175:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:175:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:175:LYS:N	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:175:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:175:LYS:O	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:176:LYS:C	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:176:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:176:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:176:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:176:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:176:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:176:LYS:H	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:176:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:176:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:176:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:176:LYS:N	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:176:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:176:LYS:O	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:177:LYS:C	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:177:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:177:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:177:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:177:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:177:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:177:LYS:H	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:177:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:177:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:177:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:177:LYS:N	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:177:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:177:LYS:O	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:C15	2:B:178:LYS:C	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:178:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:178:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:178:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:178:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:178:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:178:LYS:H	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:178:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:178:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:178:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:178:LYS:N	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:178:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:178:LYS:O	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:184:LYS:C	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:184:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:184:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:184:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:184:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:184:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:184:LYS:H	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:184:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:184:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:184:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:184:LYS:N	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:184:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:184:LYS:O	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:185:CYS:C	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:185:CYS:CA	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:185:CYS:CB	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:185:CYS:H	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:185:CYS:HG	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:185:CYS:N	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:185:CYS:O	1	4.98
(1,15)	3:A:15:PCW:C15	2:B:185:CYS:SG	1	4.98
(1,15)	3:A:15:PCW:N	2:B:1:MET:C	1	4.98
(1,15)	3:A:15:PCW:N	2:B:1:MET:CA	1	4.98
(1,15)	3:A:15:PCW:N	2:B:1:MET:CB	1	4.98
(1,15)	3:A:15:PCW:N	2:B:1:MET:CE	1	4.98
(1,15)	3:A:15:PCW:N	2:B:1:MET:CG	1	4.98
(1,15)	3:A:15:PCW:N	2:B:1:MET:H	1	4.98
(1,15)	3:A:15:PCW:N	2:B:1:MET:N	1	4.98
(1,15)	3:A:15:PCW:N	2:B:1:MET:O	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:N	2:B:1:MET:SD	1	4.98
(1,15)	3:A:15:PCW:N	2:B:2:THR:C	1	4.98
(1,15)	3:A:15:PCW:N	2:B:2:THR:CA	1	4.98
(1,15)	3:A:15:PCW:N	2:B:2:THR:CB	1	4.98
(1,15)	3:A:15:PCW:N	2:B:2:THR:CG2	1	4.98
(1,15)	3:A:15:PCW:N	2:B:2:THR:H	1	4.98
(1,15)	3:A:15:PCW:N	2:B:2:THR:HG1	1	4.98
(1,15)	3:A:15:PCW:N	2:B:2:THR:N	1	4.98
(1,15)	3:A:15:PCW:N	2:B:2:THR:O	1	4.98
(1,15)	3:A:15:PCW:N	2:B:2:THR:OG1	1	4.98
(1,15)	3:A:15:PCW:N	2:B:3:GLU:C	1	4.98
(1,15)	3:A:15:PCW:N	2:B:3:GLU:CA	1	4.98
(1,15)	3:A:15:PCW:N	2:B:3:GLU:CB	1	4.98
(1,15)	3:A:15:PCW:N	2:B:3:GLU:CD	1	4.98
(1,15)	3:A:15:PCW:N	2:B:3:GLU:CG	1	4.98
(1,15)	3:A:15:PCW:N	2:B:3:GLU:H	1	4.98
(1,15)	3:A:15:PCW:N	2:B:3:GLU:N	1	4.98
(1,15)	3:A:15:PCW:N	2:B:3:GLU:O	1	4.98
(1,15)	3:A:15:PCW:N	2:B:3:GLU:OE1	1	4.98
(1,15)	3:A:15:PCW:N	2:B:3:GLU:OE2	1	4.98
(1,15)	3:A:15:PCW:N	2:B:4:TYR:C	1	4.98
(1,15)	3:A:15:PCW:N	2:B:4:TYR:CA	1	4.98
(1,15)	3:A:15:PCW:N	2:B:4:TYR:CB	1	4.98
(1,15)	3:A:15:PCW:N	2:B:4:TYR:CD1	1	4.98
(1,15)	3:A:15:PCW:N	2:B:4:TYR:CD2	1	4.98
(1,15)	3:A:15:PCW:N	2:B:4:TYR:CE1	1	4.98
(1,15)	3:A:15:PCW:N	2:B:4:TYR:CE2	1	4.98
(1,15)	3:A:15:PCW:N	2:B:4:TYR:CG	1	4.98
(1,15)	3:A:15:PCW:N	2:B:4:TYR:CZ	1	4.98
(1,15)	3:A:15:PCW:N	2:B:4:TYR:H	1	4.98
(1,15)	3:A:15:PCW:N	2:B:4:TYR:HH	1	4.98
(1,15)	3:A:15:PCW:N	2:B:4:TYR:N	1	4.98
(1,15)	3:A:15:PCW:N	2:B:4:TYR:O	1	4.98
(1,15)	3:A:15:PCW:N	2:B:4:TYR:OH	1	4.98
(1,15)	3:A:15:PCW:N	2:B:47:ASP:C	1	4.98
(1,15)	3:A:15:PCW:N	2:B:47:ASP:CA	1	4.98
(1,15)	3:A:15:PCW:N	2:B:47:ASP:CB	1	4.98
(1,15)	3:A:15:PCW:N	2:B:47:ASP:CG	1	4.98
(1,15)	3:A:15:PCW:N	2:B:47:ASP:H	1	4.98
(1,15)	3:A:15:PCW:N	2:B:47:ASP:N	1	4.98
(1,15)	3:A:15:PCW:N	2:B:47:ASP:O	1	4.98
(1,15)	3:A:15:PCW:N	2:B:47:ASP:OD1	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:N	2:B:47:ASP:OD2	1	4.98
(1,15)	3:A:15:PCW:N	2:B:48:GLY:C	1	4.98
(1,15)	3:A:15:PCW:N	2:B:48:GLY:CA	1	4.98
(1,15)	3:A:15:PCW:N	2:B:48:GLY:H	1	4.98
(1,15)	3:A:15:PCW:N	2:B:48:GLY:N	1	4.98
(1,15)	3:A:15:PCW:N	2:B:48:GLY:O	1	4.98
(1,15)	3:A:15:PCW:N	2:B:49:GLU:C	1	4.98
(1,15)	3:A:15:PCW:N	2:B:49:GLU:CA	1	4.98
(1,15)	3:A:15:PCW:N	2:B:49:GLU:CB	1	4.98
(1,15)	3:A:15:PCW:N	2:B:49:GLU:CD	1	4.98
(1,15)	3:A:15:PCW:N	2:B:49:GLU:CG	1	4.98
(1,15)	3:A:15:PCW:N	2:B:49:GLU:H	1	4.98
(1,15)	3:A:15:PCW:N	2:B:49:GLU:N	1	4.98
(1,15)	3:A:15:PCW:N	2:B:49:GLU:O	1	4.98
(1,15)	3:A:15:PCW:N	2:B:49:GLU:OE1	1	4.98
(1,15)	3:A:15:PCW:N	2:B:49:GLU:OE2	1	4.98
(1,15)	3:A:15:PCW:N	2:B:50:THR:C	1	4.98
(1,15)	3:A:15:PCW:N	2:B:50:THR:CA	1	4.98
(1,15)	3:A:15:PCW:N	2:B:50:THR:CB	1	4.98
(1,15)	3:A:15:PCW:N	2:B:50:THR:CG2	1	4.98
(1,15)	3:A:15:PCW:N	2:B:50:THR:H	1	4.98
(1,15)	3:A:15:PCW:N	2:B:50:THR:HG1	1	4.98
(1,15)	3:A:15:PCW:N	2:B:50:THR:N	1	4.98
(1,15)	3:A:15:PCW:N	2:B:50:THR:O	1	4.98
(1,15)	3:A:15:PCW:N	2:B:50:THR:OG1	1	4.98
(1,15)	3:A:15:PCW:N	2:B:51:CYS:C	1	4.98
(1,15)	3:A:15:PCW:N	2:B:51:CYS:CA	1	4.98
(1,15)	3:A:15:PCW:N	2:B:51:CYS:CB	1	4.98
(1,15)	3:A:15:PCW:N	2:B:51:CYS:H	1	4.98
(1,15)	3:A:15:PCW:N	2:B:51:CYS:HG	1	4.98
(1,15)	3:A:15:PCW:N	2:B:51:CYS:N	1	4.98
(1,15)	3:A:15:PCW:N	2:B:51:CYS:O	1	4.98
(1,15)	3:A:15:PCW:N	2:B:51:CYS:SG	1	4.98
(1,15)	3:A:15:PCW:N	2:B:105:ASP:C	1	4.98
(1,15)	3:A:15:PCW:N	2:B:105:ASP:CA	1	4.98
(1,15)	3:A:15:PCW:N	2:B:105:ASP:CB	1	4.98
(1,15)	3:A:15:PCW:N	2:B:105:ASP:CG	1	4.98
(1,15)	3:A:15:PCW:N	2:B:105:ASP:H	1	4.98
(1,15)	3:A:15:PCW:N	2:B:105:ASP:N	1	4.98
(1,15)	3:A:15:PCW:N	2:B:105:ASP:O	1	4.98
(1,15)	3:A:15:PCW:N	2:B:105:ASP:OD1	1	4.98
(1,15)	3:A:15:PCW:N	2:B:105:ASP:OD2	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:N	2:B:106:SER:C	1	4.98
(1,15)	3:A:15:PCW:N	2:B:106:SER:CA	1	4.98
(1,15)	3:A:15:PCW:N	2:B:106:SER:CB	1	4.98
(1,15)	3:A:15:PCW:N	2:B:106:SER:H	1	4.98
(1,15)	3:A:15:PCW:N	2:B:106:SER:HG	1	4.98
(1,15)	3:A:15:PCW:N	2:B:106:SER:N	1	4.98
(1,15)	3:A:15:PCW:N	2:B:106:SER:O	1	4.98
(1,15)	3:A:15:PCW:N	2:B:106:SER:OG	1	4.98
(1,15)	3:A:15:PCW:N	2:B:107:GLU:C	1	4.98
(1,15)	3:A:15:PCW:N	2:B:107:GLU:CA	1	4.98
(1,15)	3:A:15:PCW:N	2:B:107:GLU:CB	1	4.98
(1,15)	3:A:15:PCW:N	2:B:107:GLU:CD	1	4.98
(1,15)	3:A:15:PCW:N	2:B:107:GLU:CG	1	4.98
(1,15)	3:A:15:PCW:N	2:B:107:GLU:H	1	4.98
(1,15)	3:A:15:PCW:N	2:B:107:GLU:N	1	4.98
(1,15)	3:A:15:PCW:N	2:B:107:GLU:O	1	4.98
(1,15)	3:A:15:PCW:N	2:B:107:GLU:OE1	1	4.98
(1,15)	3:A:15:PCW:N	2:B:107:GLU:OE2	1	4.98
(1,15)	3:A:15:PCW:N	2:B:132:ASP:C	1	4.98
(1,15)	3:A:15:PCW:N	2:B:132:ASP:CA	1	4.98
(1,15)	3:A:15:PCW:N	2:B:132:ASP:CB	1	4.98
(1,15)	3:A:15:PCW:N	2:B:132:ASP:CG	1	4.98
(1,15)	3:A:15:PCW:N	2:B:132:ASP:H	1	4.98
(1,15)	3:A:15:PCW:N	2:B:132:ASP:N	1	4.98
(1,15)	3:A:15:PCW:N	2:B:132:ASP:O	1	4.98
(1,15)	3:A:15:PCW:N	2:B:132:ASP:OD1	1	4.98
(1,15)	3:A:15:PCW:N	2:B:132:ASP:OD2	1	4.98
(1,15)	3:A:15:PCW:N	2:B:133:LEU:C	1	4.98
(1,15)	3:A:15:PCW:N	2:B:133:LEU:CA	1	4.98
(1,15)	3:A:15:PCW:N	2:B:133:LEU:CB	1	4.98
(1,15)	3:A:15:PCW:N	2:B:133:LEU:CD1	1	4.98
(1,15)	3:A:15:PCW:N	2:B:133:LEU:CD2	1	4.98
(1,15)	3:A:15:PCW:N	2:B:133:LEU:CG	1	4.98
(1,15)	3:A:15:PCW:N	2:B:133:LEU:H	1	4.98
(1,15)	3:A:15:PCW:N	2:B:133:LEU:N	1	4.98
(1,15)	3:A:15:PCW:N	2:B:133:LEU:O	1	4.98
(1,15)	3:A:15:PCW:N	2:B:134:ALA:C	1	4.98
(1,15)	3:A:15:PCW:N	2:B:134:ALA:CA	1	4.98
(1,15)	3:A:15:PCW:N	2:B:134:ALA:CB	1	4.98
(1,15)	3:A:15:PCW:N	2:B:134:ALA:H	1	4.98
(1,15)	3:A:15:PCW:N	2:B:134:ALA:N	1	4.98
(1,15)	3:A:15:PCW:N	2:B:134:ALA:O	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:N	2:B:137:TYR:C	1	4.98
(1,15)	3:A:15:PCW:N	2:B:137:TYR:CA	1	4.98
(1,15)	3:A:15:PCW:N	2:B:137:TYR:CB	1	4.98
(1,15)	3:A:15:PCW:N	2:B:137:TYR:CD1	1	4.98
(1,15)	3:A:15:PCW:N	2:B:137:TYR:CD2	1	4.98
(1,15)	3:A:15:PCW:N	2:B:137:TYR:CE1	1	4.98
(1,15)	3:A:15:PCW:N	2:B:137:TYR:CE2	1	4.98
(1,15)	3:A:15:PCW:N	2:B:137:TYR:CG	1	4.98
(1,15)	3:A:15:PCW:N	2:B:137:TYR:CZ	1	4.98
(1,15)	3:A:15:PCW:N	2:B:137:TYR:H	1	4.98
(1,15)	3:A:15:PCW:N	2:B:137:TYR:HH	1	4.98
(1,15)	3:A:15:PCW:N	2:B:137:TYR:N	1	4.98
(1,15)	3:A:15:PCW:N	2:B:137:TYR:O	1	4.98
(1,15)	3:A:15:PCW:N	2:B:137:TYR:OH	1	4.98
(1,15)	3:A:15:PCW:N	2:B:138:GLY:C	1	4.98
(1,15)	3:A:15:PCW:N	2:B:138:GLY:CA	1	4.98
(1,15)	3:A:15:PCW:N	2:B:138:GLY:H	1	4.98
(1,15)	3:A:15:PCW:N	2:B:138:GLY:N	1	4.98
(1,15)	3:A:15:PCW:N	2:B:138:GLY:O	1	4.98
(1,15)	3:A:15:PCW:N	2:B:139:ILE:C	1	4.98
(1,15)	3:A:15:PCW:N	2:B:139:ILE:CA	1	4.98
(1,15)	3:A:15:PCW:N	2:B:139:ILE:CB	1	4.98
(1,15)	3:A:15:PCW:N	2:B:139:ILE:CD1	1	4.98
(1,15)	3:A:15:PCW:N	2:B:139:ILE:CG1	1	4.98
(1,15)	3:A:15:PCW:N	2:B:139:ILE:CG2	1	4.98
(1,15)	3:A:15:PCW:N	2:B:139:ILE:H	1	4.98
(1,15)	3:A:15:PCW:N	2:B:139:ILE:N	1	4.98
(1,15)	3:A:15:PCW:N	2:B:139:ILE:O	1	4.98
(1,15)	3:A:15:PCW:N	2:B:140:PRO:C	1	4.98
(1,15)	3:A:15:PCW:N	2:B:140:PRO:CA	1	4.98
(1,15)	3:A:15:PCW:N	2:B:140:PRO:CB	1	4.98
(1,15)	3:A:15:PCW:N	2:B:140:PRO:CD	1	4.98
(1,15)	3:A:15:PCW:N	2:B:140:PRO:CG	1	4.98
(1,15)	3:A:15:PCW:N	2:B:140:PRO:N	1	4.98
(1,15)	3:A:15:PCW:N	2:B:140:PRO:O	1	4.98
(1,15)	3:A:15:PCW:N	2:B:141:PHE:C	1	4.98
(1,15)	3:A:15:PCW:N	2:B:141:PHE:CA	1	4.98
(1,15)	3:A:15:PCW:N	2:B:141:PHE:CB	1	4.98
(1,15)	3:A:15:PCW:N	2:B:141:PHE:CD1	1	4.98
(1,15)	3:A:15:PCW:N	2:B:141:PHE:CD2	1	4.98
(1,15)	3:A:15:PCW:N	2:B:141:PHE:CE1	1	4.98
(1,15)	3:A:15:PCW:N	2:B:141:PHE:CE2	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:N	2:B:141:PHE:CG	1	4.98
(1,15)	3:A:15:PCW:N	2:B:141:PHE:CZ	1	4.98
(1,15)	3:A:15:PCW:N	2:B:141:PHE:H	1	4.98
(1,15)	3:A:15:PCW:N	2:B:141:PHE:N	1	4.98
(1,15)	3:A:15:PCW:N	2:B:141:PHE:O	1	4.98
(1,15)	3:A:15:PCW:N	2:B:142:ILE:C	1	4.98
(1,15)	3:A:15:PCW:N	2:B:142:ILE:CA	1	4.98
(1,15)	3:A:15:PCW:N	2:B:142:ILE:CB	1	4.98
(1,15)	3:A:15:PCW:N	2:B:142:ILE:CD1	1	4.98
(1,15)	3:A:15:PCW:N	2:B:142:ILE:CG1	1	4.98
(1,15)	3:A:15:PCW:N	2:B:142:ILE:CG2	1	4.98
(1,15)	3:A:15:PCW:N	2:B:142:ILE:H	1	4.98
(1,15)	3:A:15:PCW:N	2:B:142:ILE:N	1	4.98
(1,15)	3:A:15:PCW:N	2:B:142:ILE:O	1	4.98
(1,15)	3:A:15:PCW:N	2:B:143:GLU:C	1	4.98
(1,15)	3:A:15:PCW:N	2:B:143:GLU:CA	1	4.98
(1,15)	3:A:15:PCW:N	2:B:143:GLU:CB	1	4.98
(1,15)	3:A:15:PCW:N	2:B:143:GLU:CD	1	4.98
(1,15)	3:A:15:PCW:N	2:B:143:GLU:CG	1	4.98
(1,15)	3:A:15:PCW:N	2:B:143:GLU:H	1	4.98
(1,15)	3:A:15:PCW:N	2:B:143:GLU:N	1	4.98
(1,15)	3:A:15:PCW:N	2:B:143:GLU:O	1	4.98
(1,15)	3:A:15:PCW:N	2:B:143:GLU:OE1	1	4.98
(1,15)	3:A:15:PCW:N	2:B:143:GLU:OE2	1	4.98
(1,15)	3:A:15:PCW:N	2:B:158:THR:C	1	4.98
(1,15)	3:A:15:PCW:N	2:B:158:THR:CA	1	4.98
(1,15)	3:A:15:PCW:N	2:B:158:THR:CB	1	4.98
(1,15)	3:A:15:PCW:N	2:B:158:THR:CG2	1	4.98
(1,15)	3:A:15:PCW:N	2:B:158:THR:H	1	4.98
(1,15)	3:A:15:PCW:N	2:B:158:THR:HG1	1	4.98
(1,15)	3:A:15:PCW:N	2:B:158:THR:N	1	4.98
(1,15)	3:A:15:PCW:N	2:B:158:THR:O	1	4.98
(1,15)	3:A:15:PCW:N	2:B:158:THR:OG1	1	4.98
(1,15)	3:A:15:PCW:N	2:B:159:LEU:C	1	4.98
(1,15)	3:A:15:PCW:N	2:B:159:LEU:CA	1	4.98
(1,15)	3:A:15:PCW:N	2:B:159:LEU:CB	1	4.98
(1,15)	3:A:15:PCW:N	2:B:159:LEU:CD1	1	4.98
(1,15)	3:A:15:PCW:N	2:B:159:LEU:CD2	1	4.98
(1,15)	3:A:15:PCW:N	2:B:159:LEU:CG	1	4.98
(1,15)	3:A:15:PCW:N	2:B:159:LEU:H	1	4.98
(1,15)	3:A:15:PCW:N	2:B:159:LEU:N	1	4.98
(1,15)	3:A:15:PCW:N	2:B:159:LEU:O	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:N	2:B:160:VAL:C	1	4.98
(1,15)	3:A:15:PCW:N	2:B:160:VAL:CA	1	4.98
(1,15)	3:A:15:PCW:N	2:B:160:VAL:CB	1	4.98
(1,15)	3:A:15:PCW:N	2:B:160:VAL:CG1	1	4.98
(1,15)	3:A:15:PCW:N	2:B:160:VAL:CG2	1	4.98
(1,15)	3:A:15:PCW:N	2:B:160:VAL:H	1	4.98
(1,15)	3:A:15:PCW:N	2:B:160:VAL:N	1	4.98
(1,15)	3:A:15:PCW:N	2:B:160:VAL:O	1	4.98
(1,15)	3:A:15:PCW:N	2:B:170:MET:C	1	4.98
(1,15)	3:A:15:PCW:N	2:B:170:MET:CA	1	4.98
(1,15)	3:A:15:PCW:N	2:B:170:MET:CB	1	4.98
(1,15)	3:A:15:PCW:N	2:B:170:MET:CE	1	4.98
(1,15)	3:A:15:PCW:N	2:B:170:MET:CG	1	4.98
(1,15)	3:A:15:PCW:N	2:B:170:MET:H	1	4.98
(1,15)	3:A:15:PCW:N	2:B:170:MET:N	1	4.98
(1,15)	3:A:15:PCW:N	2:B:170:MET:O	1	4.98
(1,15)	3:A:15:PCW:N	2:B:170:MET:SD	1	4.98
(1,15)	3:A:15:PCW:N	2:B:171:SER:C	1	4.98
(1,15)	3:A:15:PCW:N	2:B:171:SER:CA	1	4.98
(1,15)	3:A:15:PCW:N	2:B:171:SER:CB	1	4.98
(1,15)	3:A:15:PCW:N	2:B:171:SER:H	1	4.98
(1,15)	3:A:15:PCW:N	2:B:171:SER:HG	1	4.98
(1,15)	3:A:15:PCW:N	2:B:171:SER:N	1	4.98
(1,15)	3:A:15:PCW:N	2:B:171:SER:O	1	4.98
(1,15)	3:A:15:PCW:N	2:B:171:SER:OG	1	4.98
(1,15)	3:A:15:PCW:N	2:B:172:LYS:C	1	4.98
(1,15)	3:A:15:PCW:N	2:B:172:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:N	2:B:172:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:N	2:B:172:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:N	2:B:172:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:N	2:B:172:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:N	2:B:172:LYS:H	1	4.98
(1,15)	3:A:15:PCW:N	2:B:172:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:N	2:B:172:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:N	2:B:172:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:N	2:B:172:LYS:N	1	4.98
(1,15)	3:A:15:PCW:N	2:B:172:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:N	2:B:172:LYS:O	1	4.98
(1,15)	3:A:15:PCW:N	2:B:173:ASP:C	1	4.98
(1,15)	3:A:15:PCW:N	2:B:173:ASP:CA	1	4.98
(1,15)	3:A:15:PCW:N	2:B:173:ASP:CB	1	4.98
(1,15)	3:A:15:PCW:N	2:B:173:ASP:CG	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:N	2:B:173:ASP:H	1	4.98
(1,15)	3:A:15:PCW:N	2:B:173:ASP:N	1	4.98
(1,15)	3:A:15:PCW:N	2:B:173:ASP:O	1	4.98
(1,15)	3:A:15:PCW:N	2:B:173:ASP:OD1	1	4.98
(1,15)	3:A:15:PCW:N	2:B:173:ASP:OD2	1	4.98
(1,15)	3:A:15:PCW:N	2:B:174:GLY:C	1	4.98
(1,15)	3:A:15:PCW:N	2:B:174:GLY:CA	1	4.98
(1,15)	3:A:15:PCW:N	2:B:174:GLY:H	1	4.98
(1,15)	3:A:15:PCW:N	2:B:174:GLY:N	1	4.98
(1,15)	3:A:15:PCW:N	2:B:174:GLY:O	1	4.98
(1,15)	3:A:15:PCW:N	2:B:175:LYS:C	1	4.98
(1,15)	3:A:15:PCW:N	2:B:175:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:N	2:B:175:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:N	2:B:175:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:N	2:B:175:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:N	2:B:175:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:N	2:B:175:LYS:H	1	4.98
(1,15)	3:A:15:PCW:N	2:B:175:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:N	2:B:175:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:N	2:B:175:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:N	2:B:175:LYS:N	1	4.98
(1,15)	3:A:15:PCW:N	2:B:175:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:N	2:B:175:LYS:O	1	4.98
(1,15)	3:A:15:PCW:N	2:B:176:LYS:C	1	4.98
(1,15)	3:A:15:PCW:N	2:B:176:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:N	2:B:176:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:N	2:B:176:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:N	2:B:176:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:N	2:B:176:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:N	2:B:176:LYS:H	1	4.98
(1,15)	3:A:15:PCW:N	2:B:176:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:N	2:B:176:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:N	2:B:176:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:N	2:B:176:LYS:N	1	4.98
(1,15)	3:A:15:PCW:N	2:B:176:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:N	2:B:176:LYS:O	1	4.98
(1,15)	3:A:15:PCW:N	2:B:177:LYS:C	1	4.98
(1,15)	3:A:15:PCW:N	2:B:177:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:N	2:B:177:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:N	2:B:177:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:N	2:B:177:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:N	2:B:177:LYS:CG	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:N	2:B:177:LYS:H	1	4.98
(1,15)	3:A:15:PCW:N	2:B:177:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:N	2:B:177:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:N	2:B:177:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:N	2:B:177:LYS:N	1	4.98
(1,15)	3:A:15:PCW:N	2:B:177:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:N	2:B:177:LYS:O	1	4.98
(1,15)	3:A:15:PCW:N	2:B:178:LYS:C	1	4.98
(1,15)	3:A:15:PCW:N	2:B:178:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:N	2:B:178:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:N	2:B:178:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:N	2:B:178:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:N	2:B:178:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:N	2:B:178:LYS:H	1	4.98
(1,15)	3:A:15:PCW:N	2:B:178:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:N	2:B:178:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:N	2:B:178:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:N	2:B:178:LYS:N	1	4.98
(1,15)	3:A:15:PCW:N	2:B:178:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:N	2:B:178:LYS:O	1	4.98
(1,15)	3:A:15:PCW:N	2:B:184:LYS:C	1	4.98
(1,15)	3:A:15:PCW:N	2:B:184:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:N	2:B:184:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:N	2:B:184:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:N	2:B:184:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:N	2:B:184:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:N	2:B:184:LYS:H	1	4.98
(1,15)	3:A:15:PCW:N	2:B:184:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:N	2:B:184:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:N	2:B:184:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:N	2:B:184:LYS:N	1	4.98
(1,15)	3:A:15:PCW:N	2:B:184:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:N	2:B:184:LYS:O	1	4.98
(1,15)	3:A:15:PCW:N	2:B:185:CYS:C	1	4.98
(1,15)	3:A:15:PCW:N	2:B:185:CYS:CA	1	4.98
(1,15)	3:A:15:PCW:N	2:B:185:CYS:CB	1	4.98
(1,15)	3:A:15:PCW:N	2:B:185:CYS:H	1	4.98
(1,15)	3:A:15:PCW:N	2:B:185:CYS:HG	1	4.98
(1,15)	3:A:15:PCW:N	2:B:185:CYS:N	1	4.98
(1,15)	3:A:15:PCW:N	2:B:185:CYS:O	1	4.98
(1,15)	3:A:15:PCW:N	2:B:185:CYS:SG	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:1:MET:C	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:O11	2:B:1:MET:CA	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:1:MET:CB	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:1:MET:CE	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:1:MET:CG	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:1:MET:H	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:1:MET:N	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:1:MET:O	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:1:MET:SD	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:2:THR:C	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:2:THR:CA	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:2:THR:CB	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:2:THR:CG2	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:2:THR:H	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:2:THR:HG1	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:2:THR:N	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:2:THR:O	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:2:THR:OG1	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:3:GLU:C	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:3:GLU:CA	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:3:GLU:CB	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:3:GLU:CD	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:3:GLU:CG	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:3:GLU:H	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:3:GLU:N	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:3:GLU:O	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:3:GLU:OE1	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:3:GLU:OE2	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:4:TYR:C	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:4:TYR:CA	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:4:TYR:CB	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:4:TYR:CD1	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:4:TYR:CD2	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:4:TYR:CE1	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:4:TYR:CE2	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:4:TYR:CG	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:4:TYR:CZ	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:4:TYR:H	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:4:TYR:HH	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:4:TYR:N	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:4:TYR:O	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:4:TYR:OH	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:47:ASP:C	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:O11	2:B:47:ASP:CA	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:47:ASP:CB	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:47:ASP:CG	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:47:ASP:H	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:47:ASP:N	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:47:ASP:O	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:47:ASP:OD1	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:47:ASP:OD2	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:48:GLY:C	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:48:GLY:CA	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:48:GLY:H	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:48:GLY:N	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:48:GLY:O	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:49:GLU:C	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:49:GLU:CA	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:49:GLU:CB	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:49:GLU:CD	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:49:GLU:CG	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:49:GLU:H	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:49:GLU:N	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:49:GLU:O	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:49:GLU:OE1	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:49:GLU:OE2	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:50:THR:C	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:50:THR:CA	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:50:THR:CB	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:50:THR:CG2	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:50:THR:H	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:50:THR:HG1	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:50:THR:N	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:50:THR:O	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:50:THR:OG1	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:51:CYS:C	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:51:CYS:CA	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:51:CYS:CB	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:51:CYS:H	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:51:CYS:HG	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:51:CYS:N	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:51:CYS:O	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:51:CYS:SG	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:105:ASP:C	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:105:ASP:CA	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:O11	2:B:105:ASP:CB	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:105:ASP:CG	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:105:ASP:H	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:105:ASP:N	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:105:ASP:O	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:105:ASP:OD1	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:105:ASP:OD2	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:106:SER:C	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:106:SER:CA	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:106:SER:CB	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:106:SER:H	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:106:SER:HG	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:106:SER:N	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:106:SER:O	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:106:SER:OG	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:107:GLU:C	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:107:GLU:CA	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:107:GLU:CB	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:107:GLU:CD	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:107:GLU:CG	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:107:GLU:H	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:107:GLU:N	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:107:GLU:O	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:107:GLU:OE1	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:107:GLU:OE2	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:132:ASP:C	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:132:ASP:CA	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:132:ASP:CB	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:132:ASP:CG	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:132:ASP:H	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:132:ASP:N	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:132:ASP:O	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:132:ASP:OD1	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:132:ASP:OD2	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:133:LEU:C	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:133:LEU:CA	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:133:LEU:CB	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:133:LEU:CD1	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:133:LEU:CD2	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:133:LEU:CG	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:133:LEU:H	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:133:LEU:N	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:O11	2:B:133:LEU:O	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:134:ALA:C	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:134:ALA:CA	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:134:ALA:CB	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:134:ALA:H	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:134:ALA:N	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:134:ALA:O	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:137:TYR:C	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:137:TYR:CA	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:137:TYR:CB	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:137:TYR:CD1	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:137:TYR:CD2	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:137:TYR:CE1	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:137:TYR:CE2	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:137:TYR:CG	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:137:TYR:CZ	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:137:TYR:H	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:137:TYR:HH	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:137:TYR:N	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:137:TYR:O	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:137:TYR:OH	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:138:GLY:C	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:138:GLY:CA	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:138:GLY:H	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:138:GLY:N	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:138:GLY:O	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:139:ILE:C	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:139:ILE:CA	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:139:ILE:CB	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:139:ILE:CD1	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:139:ILE:CG1	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:139:ILE:CG2	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:139:ILE:H	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:139:ILE:N	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:139:ILE:O	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:140:PRO:C	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:140:PRO:CA	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:140:PRO:CB	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:140:PRO:CD	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:140:PRO:CG	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:140:PRO:N	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:140:PRO:O	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:O11	2:B:141:PHE:C	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:141:PHE:CA	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:141:PHE:CB	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:141:PHE:CD1	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:141:PHE:CD2	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:141:PHE:CE1	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:141:PHE:CE2	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:141:PHE:CG	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:141:PHE:CZ	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:141:PHE:H	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:141:PHE:N	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:141:PHE:O	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:142:ILE:C	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:142:ILE:CA	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:142:ILE:CB	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:142:ILE:CD1	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:142:ILE:CG1	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:142:ILE:CG2	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:142:ILE:H	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:142:ILE:N	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:142:ILE:O	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:143:GLU:C	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:143:GLU:CA	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:143:GLU:CB	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:143:GLU:CD	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:143:GLU:CG	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:143:GLU:H	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:143:GLU:N	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:143:GLU:O	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:143:GLU:OE1	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:143:GLU:OE2	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:158:THR:C	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:158:THR:CA	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:158:THR:CB	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:158:THR:CG2	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:158:THR:H	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:158:THR:HG1	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:158:THR:N	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:158:THR:O	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:158:THR:OG1	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:159:LEU:C	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:159:LEU:CA	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:O11	2:B:159:LEU:CB	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:159:LEU:CD1	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:159:LEU:CD2	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:159:LEU:CG	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:159:LEU:H	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:159:LEU:N	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:159:LEU:O	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:160:VAL:C	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:160:VAL:CA	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:160:VAL:CB	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:160:VAL:CG1	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:160:VAL:CG2	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:160:VAL:H	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:160:VAL:N	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:160:VAL:O	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:170:MET:C	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:170:MET:CA	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:170:MET:CB	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:170:MET:CE	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:170:MET:CG	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:170:MET:H	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:170:MET:N	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:170:MET:O	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:170:MET:SD	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:171:SER:C	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:171:SER:CA	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:171:SER:CB	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:171:SER:H	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:171:SER:HG	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:171:SER:N	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:171:SER:O	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:171:SER:OG	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:172:LYS:C	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:172:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:172:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:172:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:172:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:172:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:172:LYS:H	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:172:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:172:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:172:LYS:HZ3	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:O11	2:B:172:LYS:N	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:172:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:172:LYS:O	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:173:ASP:C	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:173:ASP:CA	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:173:ASP:CB	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:173:ASP:CG	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:173:ASP:H	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:173:ASP:N	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:173:ASP:O	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:173:ASP:OD1	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:173:ASP:OD2	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:174:GLY:C	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:174:GLY:CA	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:174:GLY:H	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:174:GLY:N	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:174:GLY:O	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:175:LYS:C	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:175:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:175:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:175:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:175:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:175:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:175:LYS:H	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:175:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:175:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:175:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:175:LYS:N	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:175:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:175:LYS:O	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:176:LYS:C	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:176:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:176:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:176:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:176:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:176:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:176:LYS:H	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:176:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:176:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:176:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:176:LYS:N	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:176:LYS:NZ	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:O11	2:B:176:LYS:O	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:177:LYS:C	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:177:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:177:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:177:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:177:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:177:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:177:LYS:H	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:177:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:177:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:177:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:177:LYS:N	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:177:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:177:LYS:O	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:178:LYS:C	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:178:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:178:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:178:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:178:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:178:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:178:LYS:H	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:178:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:178:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:178:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:178:LYS:N	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:178:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:178:LYS:O	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:184:LYS:C	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:184:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:184:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:184:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:184:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:184:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:184:LYS:H	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:184:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:184:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:184:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:184:LYS:N	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:184:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:184:LYS:O	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:185:CYS:C	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:185:CYS:CA	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:O11	2:B:185:CYS:CB	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:185:CYS:H	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:185:CYS:HG	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:185:CYS:N	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:185:CYS:O	1	4.98
(1,15)	3:A:15:PCW:O11	2:B:185:CYS:SG	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:1:MET:C	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:1:MET:CA	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:1:MET:CB	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:1:MET:CE	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:1:MET:CG	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:1:MET:H	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:1:MET:N	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:1:MET:O	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:1:MET:SD	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:2:THR:C	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:2:THR:CA	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:2:THR:CB	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:2:THR:CG2	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:2:THR:H	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:2:THR:HG1	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:2:THR:N	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:2:THR:O	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:2:THR:OG1	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:3:GLU:C	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:3:GLU:CA	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:3:GLU:CB	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:3:GLU:CD	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:3:GLU:CG	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:3:GLU:H	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:3:GLU:N	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:3:GLU:O	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:3:GLU:OE1	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:3:GLU:OE2	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:4:TYR:C	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:4:TYR:CA	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:4:TYR:CB	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:4:TYR:CD1	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:4:TYR:CD2	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:4:TYR:CE1	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:4:TYR:CE2	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:4:TYR:CG	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:O2	2:B:4:TYR:CZ	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:4:TYR:H	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:4:TYR:HH	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:4:TYR:N	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:4:TYR:O	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:4:TYR:OH	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:47:ASP:C	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:47:ASP:CA	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:47:ASP:CB	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:47:ASP:CG	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:47:ASP:H	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:47:ASP:N	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:47:ASP:O	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:47:ASP:OD1	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:47:ASP:OD2	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:48:GLY:C	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:48:GLY:CA	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:48:GLY:H	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:48:GLY:N	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:48:GLY:O	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:49:GLU:C	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:49:GLU:CA	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:49:GLU:CB	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:49:GLU:CD	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:49:GLU:CG	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:49:GLU:H	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:49:GLU:N	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:49:GLU:O	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:49:GLU:OE1	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:49:GLU:OE2	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:50:THR:C	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:50:THR:CA	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:50:THR:CB	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:50:THR:CG2	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:50:THR:H	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:50:THR:HG1	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:50:THR:N	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:50:THR:O	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:50:THR:OG1	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:51:CYS:C	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:51:CYS:CA	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:51:CYS:CB	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:O2	2:B:51:CYS:H	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:51:CYS:HG	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:51:CYS:N	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:51:CYS:O	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:51:CYS:SG	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:105:ASP:C	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:105:ASP:CA	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:105:ASP:CB	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:105:ASP:CG	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:105:ASP:H	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:105:ASP:N	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:105:ASP:O	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:105:ASP:OD1	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:105:ASP:OD2	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:106:SER:C	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:106:SER:CA	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:106:SER:CB	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:106:SER:H	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:106:SER:HG	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:106:SER:N	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:106:SER:O	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:106:SER:OG	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:107:GLU:C	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:107:GLU:CA	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:107:GLU:CB	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:107:GLU:CD	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:107:GLU:CG	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:107:GLU:H	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:107:GLU:N	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:107:GLU:O	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:107:GLU:OE1	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:107:GLU:OE2	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:132:ASP:C	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:132:ASP:CA	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:132:ASP:CB	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:132:ASP:CG	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:132:ASP:H	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:132:ASP:N	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:132:ASP:O	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:132:ASP:OD1	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:132:ASP:OD2	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:133:LEU:C	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:O2	2:B:133:LEU:CA	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:133:LEU:CB	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:133:LEU:CD1	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:133:LEU:CD2	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:133:LEU:CG	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:133:LEU:H	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:133:LEU:N	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:133:LEU:O	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:134:ALA:C	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:134:ALA:CA	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:134:ALA:CB	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:134:ALA:H	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:134:ALA:N	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:134:ALA:O	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:137:TYR:C	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:137:TYR:CA	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:137:TYR:CB	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:137:TYR:CD1	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:137:TYR:CD2	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:137:TYR:CE1	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:137:TYR:CE2	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:137:TYR:CG	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:137:TYR:CZ	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:137:TYR:H	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:137:TYR:HH	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:137:TYR:N	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:137:TYR:O	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:137:TYR:OH	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:138:GLY:C	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:138:GLY:CA	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:138:GLY:H	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:138:GLY:N	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:138:GLY:O	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:139:ILE:C	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:139:ILE:CA	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:139:ILE:CB	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:139:ILE:CD1	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:139:ILE:CG1	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:139:ILE:CG2	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:139:ILE:H	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:139:ILE:N	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:139:ILE:O	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:O2	2:B:140:PRO:C	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:140:PRO:CA	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:140:PRO:CB	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:140:PRO:CD	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:140:PRO:CG	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:140:PRO:N	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:140:PRO:O	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:141:PHE:C	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:141:PHE:CA	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:141:PHE:CB	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:141:PHE:CD1	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:141:PHE:CD2	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:141:PHE:CE1	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:141:PHE:CE2	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:141:PHE:CG	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:141:PHE:CZ	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:141:PHE:H	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:141:PHE:N	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:141:PHE:O	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:142:ILE:C	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:142:ILE:CA	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:142:ILE:CB	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:142:ILE:CD1	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:142:ILE:CG1	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:142:ILE:CG2	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:142:ILE:H	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:142:ILE:N	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:142:ILE:O	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:143:GLU:C	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:143:GLU:CA	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:143:GLU:CB	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:143:GLU:CD	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:143:GLU:CG	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:143:GLU:H	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:143:GLU:N	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:143:GLU:O	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:143:GLU:OE1	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:143:GLU:OE2	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:158:THR:C	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:158:THR:CA	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:158:THR:CB	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:158:THR:CG2	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:O2	2:B:158:THR:H	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:158:THR:HG1	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:158:THR:N	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:158:THR:O	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:158:THR:OG1	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:159:LEU:C	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:159:LEU:CA	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:159:LEU:CB	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:159:LEU:CD1	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:159:LEU:CD2	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:159:LEU:CG	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:159:LEU:H	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:159:LEU:N	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:159:LEU:O	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:160:VAL:C	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:160:VAL:CA	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:160:VAL:CB	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:160:VAL:CG1	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:160:VAL:CG2	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:160:VAL:H	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:160:VAL:N	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:160:VAL:O	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:170:MET:C	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:170:MET:CA	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:170:MET:CB	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:170:MET:CE	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:170:MET:CG	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:170:MET:H	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:170:MET:N	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:170:MET:O	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:170:MET:SD	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:171:SER:C	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:171:SER:CA	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:171:SER:CB	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:171:SER:H	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:171:SER:HG	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:171:SER:N	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:171:SER:O	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:171:SER:OG	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:172:LYS:C	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:172:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:172:LYS:CB	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:O2	2:B:172:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:172:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:172:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:172:LYS:H	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:172:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:172:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:172:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:172:LYS:N	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:172:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:172:LYS:O	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:173:ASP:C	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:173:ASP:CA	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:173:ASP:CB	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:173:ASP:CG	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:173:ASP:H	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:173:ASP:N	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:173:ASP:O	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:173:ASP:OD1	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:173:ASP:OD2	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:174:GLY:C	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:174:GLY:CA	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:174:GLY:H	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:174:GLY:N	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:174:GLY:O	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:175:LYS:C	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:175:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:175:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:175:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:175:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:175:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:175:LYS:H	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:175:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:175:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:175:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:175:LYS:N	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:175:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:175:LYS:O	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:176:LYS:C	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:176:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:176:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:176:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:176:LYS:CE	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:O2	2:B:176:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:176:LYS:H	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:176:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:176:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:176:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:176:LYS:N	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:176:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:176:LYS:O	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:177:LYS:C	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:177:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:177:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:177:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:177:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:177:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:177:LYS:H	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:177:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:177:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:177:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:177:LYS:N	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:177:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:177:LYS:O	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:178:LYS:C	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:178:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:178:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:178:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:178:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:178:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:178:LYS:H	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:178:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:178:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:178:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:178:LYS:N	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:178:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:178:LYS:O	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:184:LYS:C	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:184:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:184:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:184:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:184:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:184:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:184:LYS:H	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:184:LYS:HZ1	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:O2	2:B:184:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:184:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:184:LYS:N	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:184:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:184:LYS:O	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:185:CYS:C	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:185:CYS:CA	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:185:CYS:CB	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:185:CYS:H	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:185:CYS:HG	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:185:CYS:N	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:185:CYS:O	1	4.98
(1,15)	3:A:15:PCW:O2	2:B:185:CYS:SG	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:1:MET:C	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:1:MET:CA	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:1:MET:CB	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:1:MET:CE	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:1:MET:CG	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:1:MET:H	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:1:MET:N	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:1:MET:O	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:1:MET:SD	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:2:THR:C	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:2:THR:CA	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:2:THR:CB	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:2:THR:CG2	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:2:THR:H	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:2:THR:HG1	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:2:THR:N	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:2:THR:O	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:2:THR:OG1	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:3:GLU:C	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:3:GLU:CA	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:3:GLU:CB	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:3:GLU:CD	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:3:GLU:CG	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:3:GLU:H	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:3:GLU:N	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:3:GLU:O	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:3:GLU:OE1	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:3:GLU:OE2	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:4:TYR:C	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:O3	2:B:4:TYR:CA	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:4:TYR:CB	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:4:TYR:CD1	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:4:TYR:CD2	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:4:TYR:CE1	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:4:TYR:CE2	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:4:TYR:CG	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:4:TYR:CZ	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:4:TYR:H	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:4:TYR:HH	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:4:TYR:N	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:4:TYR:O	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:4:TYR:OH	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:47:ASP:C	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:47:ASP:CA	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:47:ASP:CB	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:47:ASP:CG	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:47:ASP:H	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:47:ASP:N	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:47:ASP:O	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:47:ASP:OD1	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:47:ASP:OD2	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:48:GLY:C	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:48:GLY:CA	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:48:GLY:H	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:48:GLY:N	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:48:GLY:O	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:49:GLU:C	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:49:GLU:CA	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:49:GLU:CB	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:49:GLU:CD	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:49:GLU:CG	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:49:GLU:H	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:49:GLU:N	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:49:GLU:O	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:49:GLU:OE1	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:49:GLU:OE2	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:50:THR:C	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:50:THR:CA	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:50:THR:CB	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:50:THR:CG2	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:50:THR:H	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:O3	2:B:50:THR:HG1	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:50:THR:N	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:50:THR:O	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:50:THR:OG1	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:51:CYS:C	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:51:CYS:CA	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:51:CYS:CB	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:51:CYS:H	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:51:CYS:HG	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:51:CYS:N	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:51:CYS:O	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:51:CYS:SG	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:105:ASP:C	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:105:ASP:CA	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:105:ASP:CB	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:105:ASP:CG	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:105:ASP:H	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:105:ASP:N	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:105:ASP:O	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:105:ASP:OD1	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:105:ASP:OD2	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:106:SER:C	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:106:SER:CA	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:106:SER:CB	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:106:SER:H	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:106:SER:HG	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:106:SER:N	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:106:SER:O	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:106:SER:OG	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:107:GLU:C	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:107:GLU:CA	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:107:GLU:CB	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:107:GLU:CD	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:107:GLU:CG	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:107:GLU:H	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:107:GLU:N	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:107:GLU:O	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:107:GLU:OE1	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:107:GLU:OE2	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:132:ASP:C	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:132:ASP:CA	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:132:ASP:CB	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:O3	2:B:132:ASP:CG	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:132:ASP:H	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:132:ASP:N	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:132:ASP:O	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:132:ASP:OD1	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:132:ASP:OD2	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:133:LEU:C	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:133:LEU:CA	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:133:LEU:CB	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:133:LEU:CD1	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:133:LEU:CD2	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:133:LEU:CG	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:133:LEU:H	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:133:LEU:N	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:133:LEU:O	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:134:ALA:C	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:134:ALA:CA	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:134:ALA:CB	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:134:ALA:H	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:134:ALA:N	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:134:ALA:O	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:137:TYR:C	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:137:TYR:CA	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:137:TYR:CB	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:137:TYR:CD1	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:137:TYR:CD2	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:137:TYR:CE1	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:137:TYR:CE2	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:137:TYR:CG	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:137:TYR:CZ	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:137:TYR:H	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:137:TYR:HH	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:137:TYR:N	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:137:TYR:O	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:137:TYR:OH	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:138:GLY:C	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:138:GLY:CA	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:138:GLY:H	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:138:GLY:N	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:138:GLY:O	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:139:ILE:C	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:139:ILE:CA	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:O3	2:B:139:ILE:CB	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:139:ILE:CD1	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:139:ILE:CG1	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:139:ILE:CG2	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:139:ILE:H	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:139:ILE:N	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:139:ILE:O	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:140:PRO:C	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:140:PRO:CA	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:140:PRO:CB	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:140:PRO:CD	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:140:PRO:CG	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:140:PRO:N	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:140:PRO:O	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:141:PHE:C	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:141:PHE:CA	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:141:PHE:CB	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:141:PHE:CD1	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:141:PHE:CD2	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:141:PHE:CE1	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:141:PHE:CE2	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:141:PHE:CG	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:141:PHE:CZ	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:141:PHE:H	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:141:PHE:N	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:141:PHE:O	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:142:ILE:C	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:142:ILE:CA	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:142:ILE:CB	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:142:ILE:CD1	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:142:ILE:CG1	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:142:ILE:CG2	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:142:ILE:H	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:142:ILE:N	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:142:ILE:O	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:143:GLU:C	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:143:GLU:CA	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:143:GLU:CB	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:143:GLU:CD	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:143:GLU:CG	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:143:GLU:H	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:143:GLU:N	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:O3	2:B:143:GLU:O	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:143:GLU:OE1	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:143:GLU:OE2	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:158:THR:C	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:158:THR:CA	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:158:THR:CB	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:158:THR:CG2	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:158:THR:H	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:158:THR:HG1	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:158:THR:N	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:158:THR:O	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:158:THR:OG1	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:159:LEU:C	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:159:LEU:CA	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:159:LEU:CB	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:159:LEU:CD1	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:159:LEU:CD2	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:159:LEU:CG	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:159:LEU:H	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:159:LEU:N	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:159:LEU:O	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:160:VAL:C	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:160:VAL:CA	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:160:VAL:CB	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:160:VAL:CG1	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:160:VAL:CG2	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:160:VAL:H	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:160:VAL:N	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:160:VAL:O	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:170:MET:C	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:170:MET:CA	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:170:MET:CB	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:170:MET:CE	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:170:MET:CG	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:170:MET:H	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:170:MET:N	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:170:MET:O	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:170:MET:SD	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:171:SER:C	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:171:SER:CA	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:171:SER:CB	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:171:SER:H	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:O3	2:B:171:SER:HG	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:171:SER:N	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:171:SER:O	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:171:SER:OG	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:172:LYS:C	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:172:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:172:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:172:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:172:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:172:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:172:LYS:H	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:172:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:172:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:172:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:172:LYS:N	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:172:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:172:LYS:O	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:173:ASP:C	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:173:ASP:CA	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:173:ASP:CB	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:173:ASP:CG	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:173:ASP:H	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:173:ASP:N	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:173:ASP:O	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:173:ASP:OD1	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:173:ASP:OD2	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:174:GLY:C	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:174:GLY:CA	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:174:GLY:H	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:174:GLY:N	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:174:GLY:O	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:175:LYS:C	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:175:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:175:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:175:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:175:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:175:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:175:LYS:H	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:175:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:175:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:175:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:175:LYS:N	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:O3	2:B:175:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:175:LYS:O	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:176:LYS:C	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:176:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:176:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:176:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:176:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:176:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:176:LYS:H	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:176:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:176:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:176:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:176:LYS:N	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:176:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:176:LYS:O	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:177:LYS:C	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:177:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:177:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:177:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:177:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:177:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:177:LYS:H	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:177:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:177:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:177:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:177:LYS:N	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:177:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:177:LYS:O	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:178:LYS:C	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:178:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:178:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:178:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:178:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:178:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:178:LYS:H	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:178:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:178:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:178:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:178:LYS:N	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:178:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:178:LYS:O	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:184:LYS:C	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:O3	2:B:184:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:184:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:184:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:184:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:184:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:184:LYS:H	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:184:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:184:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:184:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:184:LYS:N	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:184:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:184:LYS:O	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:185:CYS:C	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:185:CYS:CA	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:185:CYS:CB	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:185:CYS:H	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:185:CYS:HG	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:185:CYS:N	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:185:CYS:O	1	4.98
(1,15)	3:A:15:PCW:O3	2:B:185:CYS:SG	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:1:MET:C	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:1:MET:CA	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:1:MET:CB	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:1:MET:CE	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:1:MET:CG	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:1:MET:H	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:1:MET:N	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:1:MET:O	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:1:MET:SD	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:2:THR:C	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:2:THR:CA	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:2:THR:CB	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:2:THR:CG2	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:2:THR:H	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:2:THR:HG1	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:2:THR:N	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:2:THR:O	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:2:THR:OG1	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:3:GLU:C	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:3:GLU:CA	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:3:GLU:CB	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:3:GLU:CD	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:O31	2:B:3:GLU:CG	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:3:GLU:H	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:3:GLU:N	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:3:GLU:O	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:3:GLU:OE1	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:3:GLU:OE2	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:4:TYR:C	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:4:TYR:CA	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:4:TYR:CB	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:4:TYR:CD1	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:4:TYR:CD2	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:4:TYR:CE1	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:4:TYR:CE2	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:4:TYR:CG	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:4:TYR:CZ	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:4:TYR:H	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:4:TYR:HH	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:4:TYR:N	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:4:TYR:O	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:4:TYR:OH	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:47:ASP:C	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:47:ASP:CA	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:47:ASP:CB	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:47:ASP:CG	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:47:ASP:H	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:47:ASP:N	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:47:ASP:O	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:47:ASP:OD1	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:47:ASP:OD2	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:48:GLY:C	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:48:GLY:CA	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:48:GLY:H	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:48:GLY:N	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:48:GLY:O	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:49:GLU:C	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:49:GLU:CA	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:49:GLU:CB	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:49:GLU:CD	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:49:GLU:CG	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:49:GLU:H	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:49:GLU:N	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:49:GLU:O	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:O31	2:B:49:GLU:OE1	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:49:GLU:OE2	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:50:THR:C	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:50:THR:CA	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:50:THR:CB	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:50:THR:CG2	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:50:THR:H	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:50:THR:HG1	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:50:THR:N	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:50:THR:O	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:50:THR:OG1	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:51:CYS:C	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:51:CYS:CA	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:51:CYS:CB	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:51:CYS:H	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:51:CYS:HG	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:51:CYS:N	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:51:CYS:O	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:51:CYS:SG	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:105:ASP:C	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:105:ASP:CA	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:105:ASP:CB	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:105:ASP:CG	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:105:ASP:H	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:105:ASP:N	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:105:ASP:O	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:105:ASP:OD1	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:105:ASP:OD2	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:106:SER:C	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:106:SER:CA	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:106:SER:CB	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:106:SER:H	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:106:SER:HG	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:106:SER:N	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:106:SER:O	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:106:SER:OG	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:107:GLU:C	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:107:GLU:CA	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:107:GLU:CB	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:107:GLU:CD	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:107:GLU:CG	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:107:GLU:H	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:O31	2:B:107:GLU:N	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:107:GLU:O	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:107:GLU:OE1	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:107:GLU:OE2	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:132:ASP:C	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:132:ASP:CA	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:132:ASP:CB	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:132:ASP:CG	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:132:ASP:H	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:132:ASP:N	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:132:ASP:O	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:132:ASP:OD1	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:132:ASP:OD2	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:133:LEU:C	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:133:LEU:CA	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:133:LEU:CB	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:133:LEU:CD1	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:133:LEU:CD2	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:133:LEU:CG	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:133:LEU:H	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:133:LEU:N	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:133:LEU:O	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:134:ALA:C	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:134:ALA:CA	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:134:ALA:CB	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:134:ALA:H	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:134:ALA:N	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:134:ALA:O	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:137:TYR:C	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:137:TYR:CA	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:137:TYR:CB	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:137:TYR:CD1	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:137:TYR:CD2	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:137:TYR:CE1	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:137:TYR:CE2	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:137:TYR:CG	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:137:TYR:CZ	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:137:TYR:H	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:137:TYR:HH	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:137:TYR:N	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:137:TYR:O	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:137:TYR:OH	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:O31	2:B:138:GLY:C	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:138:GLY:CA	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:138:GLY:H	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:138:GLY:N	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:138:GLY:O	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:139:ILE:C	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:139:ILE:CA	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:139:ILE:CB	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:139:ILE:CD1	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:139:ILE:CG1	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:139:ILE:CG2	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:139:ILE:H	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:139:ILE:N	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:139:ILE:O	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:140:PRO:C	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:140:PRO:CA	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:140:PRO:CB	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:140:PRO:CD	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:140:PRO:CG	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:140:PRO:N	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:140:PRO:O	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:141:PHE:C	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:141:PHE:CA	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:141:PHE:CB	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:141:PHE:CD1	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:141:PHE:CD2	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:141:PHE:CE1	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:141:PHE:CE2	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:141:PHE:CG	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:141:PHE:CZ	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:141:PHE:H	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:141:PHE:N	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:141:PHE:O	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:142:ILE:C	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:142:ILE:CA	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:142:ILE:CB	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:142:ILE:CD1	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:142:ILE:CG1	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:142:ILE:CG2	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:142:ILE:H	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:142:ILE:N	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:142:ILE:O	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:O31	2:B:143:GLU:C	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:143:GLU:CA	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:143:GLU:CB	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:143:GLU:CD	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:143:GLU:CG	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:143:GLU:H	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:143:GLU:N	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:143:GLU:O	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:143:GLU:OE1	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:143:GLU:OE2	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:158:THR:C	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:158:THR:CA	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:158:THR:CB	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:158:THR:CG2	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:158:THR:H	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:158:THR:HG1	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:158:THR:N	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:158:THR:O	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:158:THR:OG1	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:159:LEU:C	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:159:LEU:CA	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:159:LEU:CB	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:159:LEU:CD1	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:159:LEU:CD2	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:159:LEU:CG	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:159:LEU:H	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:159:LEU:N	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:159:LEU:O	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:160:VAL:C	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:160:VAL:CA	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:160:VAL:CB	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:160:VAL:CG1	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:160:VAL:CG2	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:160:VAL:H	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:160:VAL:N	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:160:VAL:O	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:170:MET:C	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:170:MET:CA	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:170:MET:CB	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:170:MET:CE	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:170:MET:CG	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:170:MET:H	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:O31	2:B:170:MET:N	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:170:MET:O	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:170:MET:SD	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:171:SER:C	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:171:SER:CA	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:171:SER:CB	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:171:SER:H	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:171:SER:HG	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:171:SER:N	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:171:SER:O	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:171:SER:OG	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:172:LYS:C	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:172:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:172:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:172:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:172:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:172:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:172:LYS:H	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:172:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:172:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:172:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:172:LYS:N	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:172:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:172:LYS:O	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:173:ASP:C	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:173:ASP:CA	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:173:ASP:CB	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:173:ASP:CG	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:173:ASP:H	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:173:ASP:N	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:173:ASP:O	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:173:ASP:OD1	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:173:ASP:OD2	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:174:GLY:C	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:174:GLY:CA	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:174:GLY:H	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:174:GLY:N	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:174:GLY:O	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:175:LYS:C	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:175:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:175:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:175:LYS:CD	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:O31	2:B:175:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:175:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:175:LYS:H	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:175:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:175:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:175:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:175:LYS:N	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:175:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:175:LYS:O	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:176:LYS:C	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:176:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:176:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:176:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:176:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:176:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:176:LYS:H	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:176:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:176:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:176:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:176:LYS:N	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:176:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:176:LYS:O	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:177:LYS:C	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:177:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:177:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:177:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:177:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:177:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:177:LYS:H	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:177:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:177:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:177:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:177:LYS:N	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:177:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:177:LYS:O	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:178:LYS:C	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:178:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:178:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:178:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:178:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:178:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:178:LYS:H	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:O31	2:B:178:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:178:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:178:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:178:LYS:N	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:178:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:178:LYS:O	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:184:LYS:C	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:184:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:184:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:184:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:184:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:184:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:184:LYS:H	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:184:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:184:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:184:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:184:LYS:N	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:184:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:184:LYS:O	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:185:CYS:C	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:185:CYS:CA	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:185:CYS:CB	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:185:CYS:H	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:185:CYS:HG	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:185:CYS:N	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:185:CYS:O	1	4.98
(1,15)	3:A:15:PCW:O31	2:B:185:CYS:SG	1	4.98
(1,15)	3:A:15:PCW:P	2:B:1:MET:C	1	4.98
(1,15)	3:A:15:PCW:P	2:B:1:MET:CA	1	4.98
(1,15)	3:A:15:PCW:P	2:B:1:MET:CB	1	4.98
(1,15)	3:A:15:PCW:P	2:B:1:MET:CE	1	4.98
(1,15)	3:A:15:PCW:P	2:B:1:MET:CG	1	4.98
(1,15)	3:A:15:PCW:P	2:B:1:MET:H	1	4.98
(1,15)	3:A:15:PCW:P	2:B:1:MET:N	1	4.98
(1,15)	3:A:15:PCW:P	2:B:1:MET:O	1	4.98
(1,15)	3:A:15:PCW:P	2:B:1:MET:SD	1	4.98
(1,15)	3:A:15:PCW:P	2:B:2:THR:C	1	4.98
(1,15)	3:A:15:PCW:P	2:B:2:THR:CA	1	4.98
(1,15)	3:A:15:PCW:P	2:B:2:THR:CB	1	4.98
(1,15)	3:A:15:PCW:P	2:B:2:THR:CG2	1	4.98
(1,15)	3:A:15:PCW:P	2:B:2:THR:H	1	4.98
(1,15)	3:A:15:PCW:P	2:B:2:THR:HG1	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:P	2:B:2:THR:N	1	4.98
(1,15)	3:A:15:PCW:P	2:B:2:THR:O	1	4.98
(1,15)	3:A:15:PCW:P	2:B:2:THR:OG1	1	4.98
(1,15)	3:A:15:PCW:P	2:B:3:GLU:C	1	4.98
(1,15)	3:A:15:PCW:P	2:B:3:GLU:CA	1	4.98
(1,15)	3:A:15:PCW:P	2:B:3:GLU:CB	1	4.98
(1,15)	3:A:15:PCW:P	2:B:3:GLU:CD	1	4.98
(1,15)	3:A:15:PCW:P	2:B:3:GLU:CG	1	4.98
(1,15)	3:A:15:PCW:P	2:B:3:GLU:H	1	4.98
(1,15)	3:A:15:PCW:P	2:B:3:GLU:N	1	4.98
(1,15)	3:A:15:PCW:P	2:B:3:GLU:O	1	4.98
(1,15)	3:A:15:PCW:P	2:B:3:GLU:OE1	1	4.98
(1,15)	3:A:15:PCW:P	2:B:3:GLU:OE2	1	4.98
(1,15)	3:A:15:PCW:P	2:B:4:TYR:C	1	4.98
(1,15)	3:A:15:PCW:P	2:B:4:TYR:CA	1	4.98
(1,15)	3:A:15:PCW:P	2:B:4:TYR:CB	1	4.98
(1,15)	3:A:15:PCW:P	2:B:4:TYR:CD1	1	4.98
(1,15)	3:A:15:PCW:P	2:B:4:TYR:CD2	1	4.98
(1,15)	3:A:15:PCW:P	2:B:4:TYR:CE1	1	4.98
(1,15)	3:A:15:PCW:P	2:B:4:TYR:CE2	1	4.98
(1,15)	3:A:15:PCW:P	2:B:4:TYR:CG	1	4.98
(1,15)	3:A:15:PCW:P	2:B:4:TYR:CZ	1	4.98
(1,15)	3:A:15:PCW:P	2:B:4:TYR:H	1	4.98
(1,15)	3:A:15:PCW:P	2:B:4:TYR:HH	1	4.98
(1,15)	3:A:15:PCW:P	2:B:4:TYR:N	1	4.98
(1,15)	3:A:15:PCW:P	2:B:4:TYR:O	1	4.98
(1,15)	3:A:15:PCW:P	2:B:4:TYR:OH	1	4.98
(1,15)	3:A:15:PCW:P	2:B:47:ASP:C	1	4.98
(1,15)	3:A:15:PCW:P	2:B:47:ASP:CA	1	4.98
(1,15)	3:A:15:PCW:P	2:B:47:ASP:CB	1	4.98
(1,15)	3:A:15:PCW:P	2:B:47:ASP:CG	1	4.98
(1,15)	3:A:15:PCW:P	2:B:47:ASP:H	1	4.98
(1,15)	3:A:15:PCW:P	2:B:47:ASP:N	1	4.98
(1,15)	3:A:15:PCW:P	2:B:47:ASP:O	1	4.98
(1,15)	3:A:15:PCW:P	2:B:47:ASP:OD1	1	4.98
(1,15)	3:A:15:PCW:P	2:B:47:ASP:OD2	1	4.98
(1,15)	3:A:15:PCW:P	2:B:48:GLY:C	1	4.98
(1,15)	3:A:15:PCW:P	2:B:48:GLY:CA	1	4.98
(1,15)	3:A:15:PCW:P	2:B:48:GLY:H	1	4.98
(1,15)	3:A:15:PCW:P	2:B:48:GLY:N	1	4.98
(1,15)	3:A:15:PCW:P	2:B:48:GLY:O	1	4.98
(1,15)	3:A:15:PCW:P	2:B:49:GLU:C	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:P	2:B:49:GLU:CA	1	4.98
(1,15)	3:A:15:PCW:P	2:B:49:GLU:CB	1	4.98
(1,15)	3:A:15:PCW:P	2:B:49:GLU:CD	1	4.98
(1,15)	3:A:15:PCW:P	2:B:49:GLU:CG	1	4.98
(1,15)	3:A:15:PCW:P	2:B:49:GLU:H	1	4.98
(1,15)	3:A:15:PCW:P	2:B:49:GLU:N	1	4.98
(1,15)	3:A:15:PCW:P	2:B:49:GLU:O	1	4.98
(1,15)	3:A:15:PCW:P	2:B:49:GLU:OE1	1	4.98
(1,15)	3:A:15:PCW:P	2:B:49:GLU:OE2	1	4.98
(1,15)	3:A:15:PCW:P	2:B:50:THR:C	1	4.98
(1,15)	3:A:15:PCW:P	2:B:50:THR:CA	1	4.98
(1,15)	3:A:15:PCW:P	2:B:50:THR:CB	1	4.98
(1,15)	3:A:15:PCW:P	2:B:50:THR:CG2	1	4.98
(1,15)	3:A:15:PCW:P	2:B:50:THR:H	1	4.98
(1,15)	3:A:15:PCW:P	2:B:50:THR:HG1	1	4.98
(1,15)	3:A:15:PCW:P	2:B:50:THR:N	1	4.98
(1,15)	3:A:15:PCW:P	2:B:50:THR:O	1	4.98
(1,15)	3:A:15:PCW:P	2:B:50:THR:OG1	1	4.98
(1,15)	3:A:15:PCW:P	2:B:51:CYS:C	1	4.98
(1,15)	3:A:15:PCW:P	2:B:51:CYS:CA	1	4.98
(1,15)	3:A:15:PCW:P	2:B:51:CYS:CB	1	4.98
(1,15)	3:A:15:PCW:P	2:B:51:CYS:H	1	4.98
(1,15)	3:A:15:PCW:P	2:B:51:CYS:HG	1	4.98
(1,15)	3:A:15:PCW:P	2:B:51:CYS:N	1	4.98
(1,15)	3:A:15:PCW:P	2:B:51:CYS:O	1	4.98
(1,15)	3:A:15:PCW:P	2:B:51:CYS:SG	1	4.98
(1,15)	3:A:15:PCW:P	2:B:105:ASP:C	1	4.98
(1,15)	3:A:15:PCW:P	2:B:105:ASP:CA	1	4.98
(1,15)	3:A:15:PCW:P	2:B:105:ASP:CB	1	4.98
(1,15)	3:A:15:PCW:P	2:B:105:ASP:CG	1	4.98
(1,15)	3:A:15:PCW:P	2:B:105:ASP:H	1	4.98
(1,15)	3:A:15:PCW:P	2:B:105:ASP:N	1	4.98
(1,15)	3:A:15:PCW:P	2:B:105:ASP:O	1	4.98
(1,15)	3:A:15:PCW:P	2:B:105:ASP:OD1	1	4.98
(1,15)	3:A:15:PCW:P	2:B:105:ASP:OD2	1	4.98
(1,15)	3:A:15:PCW:P	2:B:106:SER:C	1	4.98
(1,15)	3:A:15:PCW:P	2:B:106:SER:CA	1	4.98
(1,15)	3:A:15:PCW:P	2:B:106:SER:CB	1	4.98
(1,15)	3:A:15:PCW:P	2:B:106:SER:H	1	4.98
(1,15)	3:A:15:PCW:P	2:B:106:SER:HG	1	4.98
(1,15)	3:A:15:PCW:P	2:B:106:SER:N	1	4.98
(1,15)	3:A:15:PCW:P	2:B:106:SER:O	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:P	2:B:106:SER:OG	1	4.98
(1,15)	3:A:15:PCW:P	2:B:107:GLU:C	1	4.98
(1,15)	3:A:15:PCW:P	2:B:107:GLU:CA	1	4.98
(1,15)	3:A:15:PCW:P	2:B:107:GLU:CB	1	4.98
(1,15)	3:A:15:PCW:P	2:B:107:GLU:CD	1	4.98
(1,15)	3:A:15:PCW:P	2:B:107:GLU:CG	1	4.98
(1,15)	3:A:15:PCW:P	2:B:107:GLU:H	1	4.98
(1,15)	3:A:15:PCW:P	2:B:107:GLU:N	1	4.98
(1,15)	3:A:15:PCW:P	2:B:107:GLU:O	1	4.98
(1,15)	3:A:15:PCW:P	2:B:107:GLU:OE1	1	4.98
(1,15)	3:A:15:PCW:P	2:B:107:GLU:OE2	1	4.98
(1,15)	3:A:15:PCW:P	2:B:132:ASP:C	1	4.98
(1,15)	3:A:15:PCW:P	2:B:132:ASP:CA	1	4.98
(1,15)	3:A:15:PCW:P	2:B:132:ASP:CB	1	4.98
(1,15)	3:A:15:PCW:P	2:B:132:ASP:CG	1	4.98
(1,15)	3:A:15:PCW:P	2:B:132:ASP:H	1	4.98
(1,15)	3:A:15:PCW:P	2:B:132:ASP:N	1	4.98
(1,15)	3:A:15:PCW:P	2:B:132:ASP:O	1	4.98
(1,15)	3:A:15:PCW:P	2:B:132:ASP:OD1	1	4.98
(1,15)	3:A:15:PCW:P	2:B:132:ASP:OD2	1	4.98
(1,15)	3:A:15:PCW:P	2:B:133:LEU:C	1	4.98
(1,15)	3:A:15:PCW:P	2:B:133:LEU:CA	1	4.98
(1,15)	3:A:15:PCW:P	2:B:133:LEU:CB	1	4.98
(1,15)	3:A:15:PCW:P	2:B:133:LEU:CD1	1	4.98
(1,15)	3:A:15:PCW:P	2:B:133:LEU:CD2	1	4.98
(1,15)	3:A:15:PCW:P	2:B:133:LEU:CG	1	4.98
(1,15)	3:A:15:PCW:P	2:B:133:LEU:H	1	4.98
(1,15)	3:A:15:PCW:P	2:B:133:LEU:N	1	4.98
(1,15)	3:A:15:PCW:P	2:B:133:LEU:O	1	4.98
(1,15)	3:A:15:PCW:P	2:B:134:ALA:C	1	4.98
(1,15)	3:A:15:PCW:P	2:B:134:ALA:CA	1	4.98
(1,15)	3:A:15:PCW:P	2:B:134:ALA:CB	1	4.98
(1,15)	3:A:15:PCW:P	2:B:134:ALA:H	1	4.98
(1,15)	3:A:15:PCW:P	2:B:134:ALA:N	1	4.98
(1,15)	3:A:15:PCW:P	2:B:134:ALA:O	1	4.98
(1,15)	3:A:15:PCW:P	2:B:137:TYR:C	1	4.98
(1,15)	3:A:15:PCW:P	2:B:137:TYR:CA	1	4.98
(1,15)	3:A:15:PCW:P	2:B:137:TYR:CB	1	4.98
(1,15)	3:A:15:PCW:P	2:B:137:TYR:CD1	1	4.98
(1,15)	3:A:15:PCW:P	2:B:137:TYR:CD2	1	4.98
(1,15)	3:A:15:PCW:P	2:B:137:TYR:CE1	1	4.98
(1,15)	3:A:15:PCW:P	2:B:137:TYR:CE2	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:P	2:B:137:TYR:CG	1	4.98
(1,15)	3:A:15:PCW:P	2:B:137:TYR:CZ	1	4.98
(1,15)	3:A:15:PCW:P	2:B:137:TYR:H	1	4.98
(1,15)	3:A:15:PCW:P	2:B:137:TYR:HH	1	4.98
(1,15)	3:A:15:PCW:P	2:B:137:TYR:N	1	4.98
(1,15)	3:A:15:PCW:P	2:B:137:TYR:O	1	4.98
(1,15)	3:A:15:PCW:P	2:B:137:TYR:OH	1	4.98
(1,15)	3:A:15:PCW:P	2:B:138:GLY:C	1	4.98
(1,15)	3:A:15:PCW:P	2:B:138:GLY:CA	1	4.98
(1,15)	3:A:15:PCW:P	2:B:138:GLY:H	1	4.98
(1,15)	3:A:15:PCW:P	2:B:138:GLY:N	1	4.98
(1,15)	3:A:15:PCW:P	2:B:138:GLY:O	1	4.98
(1,15)	3:A:15:PCW:P	2:B:139:ILE:C	1	4.98
(1,15)	3:A:15:PCW:P	2:B:139:ILE:CA	1	4.98
(1,15)	3:A:15:PCW:P	2:B:139:ILE:CB	1	4.98
(1,15)	3:A:15:PCW:P	2:B:139:ILE:CD1	1	4.98
(1,15)	3:A:15:PCW:P	2:B:139:ILE:CG1	1	4.98
(1,15)	3:A:15:PCW:P	2:B:139:ILE:CG2	1	4.98
(1,15)	3:A:15:PCW:P	2:B:139:ILE:H	1	4.98
(1,15)	3:A:15:PCW:P	2:B:139:ILE:N	1	4.98
(1,15)	3:A:15:PCW:P	2:B:139:ILE:O	1	4.98
(1,15)	3:A:15:PCW:P	2:B:140:PRO:C	1	4.98
(1,15)	3:A:15:PCW:P	2:B:140:PRO:CA	1	4.98
(1,15)	3:A:15:PCW:P	2:B:140:PRO:CB	1	4.98
(1,15)	3:A:15:PCW:P	2:B:140:PRO:CD	1	4.98
(1,15)	3:A:15:PCW:P	2:B:140:PRO:CG	1	4.98
(1,15)	3:A:15:PCW:P	2:B:140:PRO:N	1	4.98
(1,15)	3:A:15:PCW:P	2:B:140:PRO:O	1	4.98
(1,15)	3:A:15:PCW:P	2:B:141:PHE:C	1	4.98
(1,15)	3:A:15:PCW:P	2:B:141:PHE:CA	1	4.98
(1,15)	3:A:15:PCW:P	2:B:141:PHE:CB	1	4.98
(1,15)	3:A:15:PCW:P	2:B:141:PHE:CD1	1	4.98
(1,15)	3:A:15:PCW:P	2:B:141:PHE:CD2	1	4.98
(1,15)	3:A:15:PCW:P	2:B:141:PHE:CE1	1	4.98
(1,15)	3:A:15:PCW:P	2:B:141:PHE:CE2	1	4.98
(1,15)	3:A:15:PCW:P	2:B:141:PHE:CG	1	4.98
(1,15)	3:A:15:PCW:P	2:B:141:PHE:CZ	1	4.98
(1,15)	3:A:15:PCW:P	2:B:141:PHE:H	1	4.98
(1,15)	3:A:15:PCW:P	2:B:141:PHE:N	1	4.98
(1,15)	3:A:15:PCW:P	2:B:141:PHE:O	1	4.98
(1,15)	3:A:15:PCW:P	2:B:142:ILE:C	1	4.98
(1,15)	3:A:15:PCW:P	2:B:142:ILE:CA	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:P	2:B:142:ILE:CB	1	4.98
(1,15)	3:A:15:PCW:P	2:B:142:ILE:CD1	1	4.98
(1,15)	3:A:15:PCW:P	2:B:142:ILE:CG1	1	4.98
(1,15)	3:A:15:PCW:P	2:B:142:ILE:CG2	1	4.98
(1,15)	3:A:15:PCW:P	2:B:142:ILE:H	1	4.98
(1,15)	3:A:15:PCW:P	2:B:142:ILE:N	1	4.98
(1,15)	3:A:15:PCW:P	2:B:142:ILE:O	1	4.98
(1,15)	3:A:15:PCW:P	2:B:143:GLU:C	1	4.98
(1,15)	3:A:15:PCW:P	2:B:143:GLU:CA	1	4.98
(1,15)	3:A:15:PCW:P	2:B:143:GLU:CB	1	4.98
(1,15)	3:A:15:PCW:P	2:B:143:GLU:CD	1	4.98
(1,15)	3:A:15:PCW:P	2:B:143:GLU:CG	1	4.98
(1,15)	3:A:15:PCW:P	2:B:143:GLU:H	1	4.98
(1,15)	3:A:15:PCW:P	2:B:143:GLU:N	1	4.98
(1,15)	3:A:15:PCW:P	2:B:143:GLU:O	1	4.98
(1,15)	3:A:15:PCW:P	2:B:143:GLU:OE1	1	4.98
(1,15)	3:A:15:PCW:P	2:B:143:GLU:OE2	1	4.98
(1,15)	3:A:15:PCW:P	2:B:158:THR:C	1	4.98
(1,15)	3:A:15:PCW:P	2:B:158:THR:CA	1	4.98
(1,15)	3:A:15:PCW:P	2:B:158:THR:CB	1	4.98
(1,15)	3:A:15:PCW:P	2:B:158:THR:CG2	1	4.98
(1,15)	3:A:15:PCW:P	2:B:158:THR:H	1	4.98
(1,15)	3:A:15:PCW:P	2:B:158:THR:HG1	1	4.98
(1,15)	3:A:15:PCW:P	2:B:158:THR:N	1	4.98
(1,15)	3:A:15:PCW:P	2:B:158:THR:O	1	4.98
(1,15)	3:A:15:PCW:P	2:B:158:THR:OG1	1	4.98
(1,15)	3:A:15:PCW:P	2:B:159:LEU:C	1	4.98
(1,15)	3:A:15:PCW:P	2:B:159:LEU:CA	1	4.98
(1,15)	3:A:15:PCW:P	2:B:159:LEU:CB	1	4.98
(1,15)	3:A:15:PCW:P	2:B:159:LEU:CD1	1	4.98
(1,15)	3:A:15:PCW:P	2:B:159:LEU:CD2	1	4.98
(1,15)	3:A:15:PCW:P	2:B:159:LEU:CG	1	4.98
(1,15)	3:A:15:PCW:P	2:B:159:LEU:H	1	4.98
(1,15)	3:A:15:PCW:P	2:B:159:LEU:N	1	4.98
(1,15)	3:A:15:PCW:P	2:B:159:LEU:O	1	4.98
(1,15)	3:A:15:PCW:P	2:B:160:VAL:C	1	4.98
(1,15)	3:A:15:PCW:P	2:B:160:VAL:CA	1	4.98
(1,15)	3:A:15:PCW:P	2:B:160:VAL:CB	1	4.98
(1,15)	3:A:15:PCW:P	2:B:160:VAL:CG1	1	4.98
(1,15)	3:A:15:PCW:P	2:B:160:VAL:CG2	1	4.98
(1,15)	3:A:15:PCW:P	2:B:160:VAL:H	1	4.98
(1,15)	3:A:15:PCW:P	2:B:160:VAL:N	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:P	2:B:160:VAL:O	1	4.98
(1,15)	3:A:15:PCW:P	2:B:170:MET:C	1	4.98
(1,15)	3:A:15:PCW:P	2:B:170:MET:CA	1	4.98
(1,15)	3:A:15:PCW:P	2:B:170:MET:CB	1	4.98
(1,15)	3:A:15:PCW:P	2:B:170:MET:CE	1	4.98
(1,15)	3:A:15:PCW:P	2:B:170:MET:CG	1	4.98
(1,15)	3:A:15:PCW:P	2:B:170:MET:H	1	4.98
(1,15)	3:A:15:PCW:P	2:B:170:MET:N	1	4.98
(1,15)	3:A:15:PCW:P	2:B:170:MET:O	1	4.98
(1,15)	3:A:15:PCW:P	2:B:170:MET:SD	1	4.98
(1,15)	3:A:15:PCW:P	2:B:171:SER:C	1	4.98
(1,15)	3:A:15:PCW:P	2:B:171:SER:CA	1	4.98
(1,15)	3:A:15:PCW:P	2:B:171:SER:CB	1	4.98
(1,15)	3:A:15:PCW:P	2:B:171:SER:H	1	4.98
(1,15)	3:A:15:PCW:P	2:B:171:SER:HG	1	4.98
(1,15)	3:A:15:PCW:P	2:B:171:SER:N	1	4.98
(1,15)	3:A:15:PCW:P	2:B:171:SER:O	1	4.98
(1,15)	3:A:15:PCW:P	2:B:171:SER:OG	1	4.98
(1,15)	3:A:15:PCW:P	2:B:172:LYS:C	1	4.98
(1,15)	3:A:15:PCW:P	2:B:172:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:P	2:B:172:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:P	2:B:172:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:P	2:B:172:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:P	2:B:172:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:P	2:B:172:LYS:H	1	4.98
(1,15)	3:A:15:PCW:P	2:B:172:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:P	2:B:172:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:P	2:B:172:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:P	2:B:172:LYS:N	1	4.98
(1,15)	3:A:15:PCW:P	2:B:172:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:P	2:B:172:LYS:O	1	4.98
(1,15)	3:A:15:PCW:P	2:B:173:ASP:C	1	4.98
(1,15)	3:A:15:PCW:P	2:B:173:ASP:CA	1	4.98
(1,15)	3:A:15:PCW:P	2:B:173:ASP:CB	1	4.98
(1,15)	3:A:15:PCW:P	2:B:173:ASP:CG	1	4.98
(1,15)	3:A:15:PCW:P	2:B:173:ASP:H	1	4.98
(1,15)	3:A:15:PCW:P	2:B:173:ASP:N	1	4.98
(1,15)	3:A:15:PCW:P	2:B:173:ASP:O	1	4.98
(1,15)	3:A:15:PCW:P	2:B:173:ASP:OD1	1	4.98
(1,15)	3:A:15:PCW:P	2:B:173:ASP:OD2	1	4.98
(1,15)	3:A:15:PCW:P	2:B:174:GLY:C	1	4.98
(1,15)	3:A:15:PCW:P	2:B:174:GLY:CA	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:P	2:B:174:GLY:H	1	4.98
(1,15)	3:A:15:PCW:P	2:B:174:GLY:N	1	4.98
(1,15)	3:A:15:PCW:P	2:B:174:GLY:O	1	4.98
(1,15)	3:A:15:PCW:P	2:B:175:LYS:C	1	4.98
(1,15)	3:A:15:PCW:P	2:B:175:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:P	2:B:175:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:P	2:B:175:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:P	2:B:175:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:P	2:B:175:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:P	2:B:175:LYS:H	1	4.98
(1,15)	3:A:15:PCW:P	2:B:175:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:P	2:B:175:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:P	2:B:175:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:P	2:B:175:LYS:N	1	4.98
(1,15)	3:A:15:PCW:P	2:B:175:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:P	2:B:175:LYS:O	1	4.98
(1,15)	3:A:15:PCW:P	2:B:176:LYS:C	1	4.98
(1,15)	3:A:15:PCW:P	2:B:176:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:P	2:B:176:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:P	2:B:176:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:P	2:B:176:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:P	2:B:176:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:P	2:B:176:LYS:H	1	4.98
(1,15)	3:A:15:PCW:P	2:B:176:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:P	2:B:176:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:P	2:B:176:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:P	2:B:176:LYS:N	1	4.98
(1,15)	3:A:15:PCW:P	2:B:176:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:P	2:B:176:LYS:O	1	4.98
(1,15)	3:A:15:PCW:P	2:B:177:LYS:C	1	4.98
(1,15)	3:A:15:PCW:P	2:B:177:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:P	2:B:177:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:P	2:B:177:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:P	2:B:177:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:P	2:B:177:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:P	2:B:177:LYS:H	1	4.98
(1,15)	3:A:15:PCW:P	2:B:177:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:P	2:B:177:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:P	2:B:177:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:P	2:B:177:LYS:N	1	4.98
(1,15)	3:A:15:PCW:P	2:B:177:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:P	2:B:177:LYS:O	1	4.98

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	3:A:15:PCW:P	2:B:178:LYS:C	1	4.98
(1,15)	3:A:15:PCW:P	2:B:178:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:P	2:B:178:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:P	2:B:178:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:P	2:B:178:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:P	2:B:178:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:P	2:B:178:LYS:H	1	4.98
(1,15)	3:A:15:PCW:P	2:B:178:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:P	2:B:178:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:P	2:B:178:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:P	2:B:178:LYS:N	1	4.98
(1,15)	3:A:15:PCW:P	2:B:178:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:P	2:B:178:LYS:O	1	4.98
(1,15)	3:A:15:PCW:P	2:B:184:LYS:C	1	4.98
(1,15)	3:A:15:PCW:P	2:B:184:LYS:CA	1	4.98
(1,15)	3:A:15:PCW:P	2:B:184:LYS:CB	1	4.98
(1,15)	3:A:15:PCW:P	2:B:184:LYS:CD	1	4.98
(1,15)	3:A:15:PCW:P	2:B:184:LYS:CE	1	4.98
(1,15)	3:A:15:PCW:P	2:B:184:LYS:CG	1	4.98
(1,15)	3:A:15:PCW:P	2:B:184:LYS:H	1	4.98
(1,15)	3:A:15:PCW:P	2:B:184:LYS:HZ1	1	4.98
(1,15)	3:A:15:PCW:P	2:B:184:LYS:HZ2	1	4.98
(1,15)	3:A:15:PCW:P	2:B:184:LYS:HZ3	1	4.98
(1,15)	3:A:15:PCW:P	2:B:184:LYS:N	1	4.98
(1,15)	3:A:15:PCW:P	2:B:184:LYS:NZ	1	4.98
(1,15)	3:A:15:PCW:P	2:B:184:LYS:O	1	4.98
(1,15)	3:A:15:PCW:P	2:B:185:CYS:C	1	4.98
(1,15)	3:A:15:PCW:P	2:B:185:CYS:CA	1	4.98
(1,15)	3:A:15:PCW:P	2:B:185:CYS:CB	1	4.98
(1,15)	3:A:15:PCW:P	2:B:185:CYS:H	1	4.98
(1,15)	3:A:15:PCW:P	2:B:185:CYS:HG	1	4.98
(1,15)	3:A:15:PCW:P	2:B:185:CYS:N	1	4.98
(1,15)	3:A:15:PCW:P	2:B:185:CYS:O	1	4.98
(1,15)	3:A:15:PCW:P	2:B:185:CYS:SG	1	4.98
(1,8)	3:A:8:PCW:C11	2:B:1:MET:C	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:1:MET:CA	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:1:MET:CB	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:1:MET:CE	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:1:MET:CG	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:1:MET:H	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:1:MET:N	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:1:MET:O	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C11	2:B:1:MET:SD	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:2:THR:C	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:2:THR:CA	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:2:THR:CB	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:2:THR:CG2	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:2:THR:H	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:2:THR:HG1	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:2:THR:N	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:2:THR:O	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:2:THR:OG1	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:3:GLU:C	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:3:GLU:CA	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:3:GLU:CB	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:3:GLU:CD	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:3:GLU:CG	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:3:GLU:H	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:3:GLU:N	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:3:GLU:O	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:3:GLU:OE1	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:3:GLU:OE2	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:4:TYR:C	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:4:TYR:CA	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:4:TYR:CB	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:4:TYR:CD1	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:4:TYR:CD2	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:4:TYR:CE1	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:4:TYR:CE2	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:4:TYR:CG	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:4:TYR:CZ	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:4:TYR:H	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:4:TYR:HH	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:4:TYR:N	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:4:TYR:O	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:4:TYR:OH	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:47:ASP:C	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:47:ASP:CA	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:47:ASP:CB	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:47:ASP:CG	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:47:ASP:H	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:47:ASP:N	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:47:ASP:O	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:47:ASP:OD1	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C11	2:B:47:ASP:OD2	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:48:GLY:C	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:48:GLY:CA	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:48:GLY:H	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:48:GLY:N	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:48:GLY:O	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:49:GLU:C	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:49:GLU:CA	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:49:GLU:CB	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:49:GLU:CD	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:49:GLU:CG	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:49:GLU:H	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:49:GLU:N	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:49:GLU:O	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:49:GLU:OE1	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:49:GLU:OE2	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:50:THR:C	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:50:THR:CA	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:50:THR:CB	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:50:THR:CG2	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:50:THR:H	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:50:THR:HG1	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:50:THR:N	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:50:THR:O	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:50:THR:OG1	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:51:CYS:C	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:51:CYS:CA	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:51:CYS:CB	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:51:CYS:H	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:51:CYS:HG	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:51:CYS:N	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:51:CYS:O	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:51:CYS:SG	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:105:ASP:C	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:105:ASP:CA	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:105:ASP:CB	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:105:ASP:CG	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:105:ASP:H	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:105:ASP:N	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:105:ASP:O	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:105:ASP:OD1	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:105:ASP:OD2	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C11	2:B:106:SER:C	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:106:SER:CA	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:106:SER:CB	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:106:SER:H	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:106:SER:HG	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:106:SER:N	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:106:SER:O	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:106:SER:OG	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:107:GLU:C	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:107:GLU:CA	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:107:GLU:CB	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:107:GLU:CD	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:107:GLU:CG	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:107:GLU:H	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:107:GLU:N	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:107:GLU:O	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:107:GLU:OE1	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:107:GLU:OE2	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:132:ASP:C	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:132:ASP:CA	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:132:ASP:CB	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:132:ASP:CG	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:132:ASP:H	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:132:ASP:N	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:132:ASP:O	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:132:ASP:OD1	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:132:ASP:OD2	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:133:LEU:C	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:133:LEU:CA	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:133:LEU:CB	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:133:LEU:CD1	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:133:LEU:CD2	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:133:LEU:CG	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:133:LEU:H	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:133:LEU:N	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:133:LEU:O	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:134:ALA:C	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:134:ALA:CA	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:134:ALA:CB	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:134:ALA:H	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:134:ALA:N	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:134:ALA:O	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C11	2:B:137:TYR:C	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:137:TYR:CA	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:137:TYR:CB	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:137:TYR:CD1	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:137:TYR:CD2	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:137:TYR:CE1	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:137:TYR:CE2	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:137:TYR:CG	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:137:TYR:CZ	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:137:TYR:H	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:137:TYR:HH	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:137:TYR:N	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:137:TYR:O	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:137:TYR:OH	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:138:GLY:C	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:138:GLY:CA	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:138:GLY:H	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:138:GLY:N	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:138:GLY:O	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:139:ILE:C	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:139:ILE:CA	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:139:ILE:CB	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:139:ILE:CD1	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:139:ILE:CG1	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:139:ILE:CG2	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:139:ILE:H	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:139:ILE:N	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:139:ILE:O	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:140:PRO:C	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:140:PRO:CA	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:140:PRO:CB	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:140:PRO:CD	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:140:PRO:CG	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:140:PRO:N	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:140:PRO:O	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:141:PHE:C	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:141:PHE:CA	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:141:PHE:CB	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:141:PHE:CD1	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:141:PHE:CD2	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:141:PHE:CE1	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:141:PHE:CE2	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C11	2:B:141:PHE:CG	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:141:PHE:CZ	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:141:PHE:H	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:141:PHE:N	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:141:PHE:O	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:142:ILE:C	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:142:ILE:CA	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:142:ILE:CB	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:142:ILE:CD1	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:142:ILE:CG1	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:142:ILE:CG2	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:142:ILE:H	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:142:ILE:N	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:142:ILE:O	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:143:GLU:C	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:143:GLU:CA	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:143:GLU:CB	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:143:GLU:CD	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:143:GLU:CG	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:143:GLU:H	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:143:GLU:N	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:143:GLU:O	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:143:GLU:OE1	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:143:GLU:OE2	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:158:THR:C	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:158:THR:CA	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:158:THR:CB	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:158:THR:CG2	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:158:THR:H	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:158:THR:HG1	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:158:THR:N	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:158:THR:O	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:158:THR:OG1	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:159:LEU:C	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:159:LEU:CA	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:159:LEU:CB	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:159:LEU:CD1	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:159:LEU:CD2	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:159:LEU:CG	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:159:LEU:H	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:159:LEU:N	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:159:LEU:O	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C11	2:B:160:VAL:C	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:160:VAL:CA	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:160:VAL:CB	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:160:VAL:CG1	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:160:VAL:CG2	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:160:VAL:H	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:160:VAL:N	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:160:VAL:O	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:170:MET:C	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:170:MET:CA	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:170:MET:CB	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:170:MET:CE	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:170:MET:CG	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:170:MET:H	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:170:MET:N	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:170:MET:O	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:170:MET:SD	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:171:SER:C	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:171:SER:CA	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:171:SER:CB	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:171:SER:H	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:171:SER:HG	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:171:SER:N	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:171:SER:O	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:171:SER:OG	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:172:LYS:C	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:172:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:172:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:172:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:172:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:172:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:172:LYS:H	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:172:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:172:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:172:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:172:LYS:N	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:172:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:172:LYS:O	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:173:ASP:C	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:173:ASP:CA	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:173:ASP:CB	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:173:ASP:CG	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C11	2:B:173:ASP:H	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:173:ASP:N	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:173:ASP:O	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:173:ASP:OD1	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:173:ASP:OD2	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:174:GLY:C	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:174:GLY:CA	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:174:GLY:H	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:174:GLY:N	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:174:GLY:O	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:175:LYS:C	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:175:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:175:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:175:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:175:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:175:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:175:LYS:H	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:175:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:175:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:175:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:175:LYS:N	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:175:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:175:LYS:O	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:176:LYS:C	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:176:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:176:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:176:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:176:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:176:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:176:LYS:H	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:176:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:176:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:176:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:176:LYS:N	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:176:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:176:LYS:O	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:177:LYS:C	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:177:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:177:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:177:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:177:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:177:LYS:CG	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C11	2:B:177:LYS:H	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:177:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:177:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:177:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:177:LYS:N	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:177:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:177:LYS:O	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:178:LYS:C	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:178:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:178:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:178:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:178:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:178:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:178:LYS:H	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:178:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:178:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:178:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:178:LYS:N	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:178:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:178:LYS:O	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:184:LYS:C	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:184:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:184:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:184:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:184:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:184:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:184:LYS:H	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:184:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:184:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:184:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:184:LYS:N	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:184:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:184:LYS:O	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:185:CYS:C	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:185:CYS:CA	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:185:CYS:CB	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:185:CYS:H	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:185:CYS:HG	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:185:CYS:N	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:185:CYS:O	1	4.68
(1,8)	3:A:8:PCW:C11	2:B:185:CYS:SG	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:1:MET:C	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C12	2:B:1:MET:CA	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:1:MET:CB	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:1:MET:CE	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:1:MET:CG	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:1:MET:H	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:1:MET:N	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:1:MET:O	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:1:MET:SD	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:2:THR:C	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:2:THR:CA	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:2:THR:CB	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:2:THR:CG2	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:2:THR:H	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:2:THR:HG1	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:2:THR:N	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:2:THR:O	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:2:THR:OG1	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:3:GLU:C	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:3:GLU:CA	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:3:GLU:CB	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:3:GLU:CD	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:3:GLU:CG	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:3:GLU:H	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:3:GLU:N	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:3:GLU:O	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:3:GLU:OE1	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:3:GLU:OE2	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:4:TYR:C	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:4:TYR:CA	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:4:TYR:CB	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:4:TYR:CD1	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:4:TYR:CD2	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:4:TYR:CE1	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:4:TYR:CE2	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:4:TYR:CG	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:4:TYR:CZ	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:4:TYR:H	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:4:TYR:HH	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:4:TYR:N	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:4:TYR:O	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:4:TYR:OH	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:47:ASP:C	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C12	2:B:47:ASP:CA	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:47:ASP:CB	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:47:ASP:CG	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:47:ASP:H	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:47:ASP:N	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:47:ASP:O	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:47:ASP:OD1	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:47:ASP:OD2	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:48:GLY:C	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:48:GLY:CA	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:48:GLY:H	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:48:GLY:N	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:48:GLY:O	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:49:GLU:C	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:49:GLU:CA	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:49:GLU:CB	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:49:GLU:CD	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:49:GLU:CG	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:49:GLU:H	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:49:GLU:N	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:49:GLU:O	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:49:GLU:OE1	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:49:GLU:OE2	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:50:THR:C	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:50:THR:CA	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:50:THR:CB	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:50:THR:CG2	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:50:THR:H	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:50:THR:HG1	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:50:THR:N	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:50:THR:O	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:50:THR:OG1	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:51:CYS:C	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:51:CYS:CA	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:51:CYS:CB	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:51:CYS:H	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:51:CYS:HG	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:51:CYS:N	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:51:CYS:O	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:51:CYS:SG	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:105:ASP:C	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:105:ASP:CA	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C12	2:B:105:ASP:CB	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:105:ASP:CG	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:105:ASP:H	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:105:ASP:N	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:105:ASP:O	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:105:ASP:OD1	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:105:ASP:OD2	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:106:SER:C	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:106:SER:CA	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:106:SER:CB	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:106:SER:H	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:106:SER:HG	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:106:SER:N	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:106:SER:O	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:106:SER:OG	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:107:GLU:C	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:107:GLU:CA	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:107:GLU:CB	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:107:GLU:CD	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:107:GLU:CG	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:107:GLU:H	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:107:GLU:N	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:107:GLU:O	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:107:GLU:OE1	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:107:GLU:OE2	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:132:ASP:C	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:132:ASP:CA	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:132:ASP:CB	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:132:ASP:CG	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:132:ASP:H	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:132:ASP:N	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:132:ASP:O	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:132:ASP:OD1	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:132:ASP:OD2	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:133:LEU:C	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:133:LEU:CA	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:133:LEU:CB	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:133:LEU:CD1	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:133:LEU:CD2	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:133:LEU:CG	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:133:LEU:H	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:133:LEU:N	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C12	2:B:133:LEU:O	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:134:ALA:C	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:134:ALA:CA	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:134:ALA:CB	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:134:ALA:H	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:134:ALA:N	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:134:ALA:O	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:137:TYR:C	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:137:TYR:CA	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:137:TYR:CB	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:137:TYR:CD1	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:137:TYR:CD2	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:137:TYR:CE1	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:137:TYR:CE2	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:137:TYR:CG	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:137:TYR:CZ	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:137:TYR:H	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:137:TYR:HH	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:137:TYR:N	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:137:TYR:O	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:137:TYR:OH	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:138:GLY:C	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:138:GLY:CA	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:138:GLY:H	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:138:GLY:N	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:138:GLY:O	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:139:ILE:C	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:139:ILE:CA	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:139:ILE:CB	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:139:ILE:CD1	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:139:ILE:CG1	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:139:ILE:CG2	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:139:ILE:H	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:139:ILE:N	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:139:ILE:O	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:140:PRO:C	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:140:PRO:CA	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:140:PRO:CB	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:140:PRO:CD	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:140:PRO:CG	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:140:PRO:N	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:140:PRO:O	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C12	2:B:141:PHE:C	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:141:PHE:CA	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:141:PHE:CB	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:141:PHE:CD1	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:141:PHE:CD2	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:141:PHE:CE1	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:141:PHE:CE2	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:141:PHE:CG	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:141:PHE:CZ	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:141:PHE:H	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:141:PHE:N	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:141:PHE:O	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:142:ILE:C	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:142:ILE:CA	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:142:ILE:CB	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:142:ILE:CD1	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:142:ILE:CG1	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:142:ILE:CG2	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:142:ILE:H	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:142:ILE:N	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:142:ILE:O	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:143:GLU:C	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:143:GLU:CA	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:143:GLU:CB	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:143:GLU:CD	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:143:GLU:CG	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:143:GLU:H	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:143:GLU:N	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:143:GLU:O	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:143:GLU:OE1	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:143:GLU:OE2	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:158:THR:C	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:158:THR:CA	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:158:THR:CB	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:158:THR:CG2	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:158:THR:H	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:158:THR:HG1	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:158:THR:N	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:158:THR:O	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:158:THR:OG1	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:159:LEU:C	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:159:LEU:CA	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C12	2:B:159:LEU:CB	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:159:LEU:CD1	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:159:LEU:CD2	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:159:LEU:CG	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:159:LEU:H	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:159:LEU:N	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:159:LEU:O	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:160:VAL:C	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:160:VAL:CA	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:160:VAL:CB	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:160:VAL:CG1	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:160:VAL:CG2	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:160:VAL:H	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:160:VAL:N	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:160:VAL:O	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:170:MET:C	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:170:MET:CA	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:170:MET:CB	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:170:MET:CE	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:170:MET:CG	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:170:MET:H	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:170:MET:N	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:170:MET:O	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:170:MET:SD	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:171:SER:C	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:171:SER:CA	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:171:SER:CB	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:171:SER:H	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:171:SER:HG	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:171:SER:N	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:171:SER:O	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:171:SER:OG	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:172:LYS:C	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:172:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:172:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:172:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:172:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:172:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:172:LYS:H	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:172:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:172:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:172:LYS:HZ3	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C12	2:B:172:LYS:N	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:172:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:172:LYS:O	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:173:ASP:C	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:173:ASP:CA	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:173:ASP:CB	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:173:ASP:CG	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:173:ASP:H	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:173:ASP:N	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:173:ASP:O	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:173:ASP:OD1	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:173:ASP:OD2	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:174:GLY:C	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:174:GLY:CA	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:174:GLY:H	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:174:GLY:N	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:174:GLY:O	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:175:LYS:C	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:175:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:175:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:175:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:175:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:175:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:175:LYS:H	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:175:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:175:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:175:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:175:LYS:N	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:175:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:175:LYS:O	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:176:LYS:C	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:176:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:176:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:176:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:176:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:176:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:176:LYS:H	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:176:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:176:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:176:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:176:LYS:N	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:176:LYS:NZ	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C12	2:B:176:LYS:O	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:177:LYS:C	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:177:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:177:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:177:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:177:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:177:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:177:LYS:H	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:177:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:177:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:177:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:177:LYS:N	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:177:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:177:LYS:O	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:178:LYS:C	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:178:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:178:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:178:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:178:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:178:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:178:LYS:H	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:178:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:178:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:178:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:178:LYS:N	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:178:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:178:LYS:O	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:184:LYS:C	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:184:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:184:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:184:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:184:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:184:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:184:LYS:H	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:184:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:184:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:184:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:184:LYS:N	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:184:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:184:LYS:O	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:185:CYS:C	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:185:CYS:CA	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C12	2:B:185:CYS:CB	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:185:CYS:H	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:185:CYS:HG	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:185:CYS:N	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:185:CYS:O	1	4.68
(1,8)	3:A:8:PCW:C12	2:B:185:CYS:SG	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:1:MET:C	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:1:MET:CA	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:1:MET:CB	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:1:MET:CE	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:1:MET:CG	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:1:MET:H	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:1:MET:N	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:1:MET:O	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:1:MET:SD	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:2:THR:C	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:2:THR:CA	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:2:THR:CB	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:2:THR:CG2	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:2:THR:H	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:2:THR:HG1	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:2:THR:N	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:2:THR:O	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:2:THR:OG1	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:3:GLU:C	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:3:GLU:CA	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:3:GLU:CB	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:3:GLU:CD	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:3:GLU:CG	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:3:GLU:H	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:3:GLU:N	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:3:GLU:O	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:3:GLU:OE1	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:3:GLU:OE2	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:4:TYR:C	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:4:TYR:CA	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:4:TYR:CB	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:4:TYR:CD1	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:4:TYR:CD2	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:4:TYR:CE1	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:4:TYR:CE2	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:4:TYR:CG	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C13	2:B:4:TYR:CZ	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:4:TYR:H	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:4:TYR:HH	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:4:TYR:N	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:4:TYR:O	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:4:TYR:OH	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:47:ASP:C	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:47:ASP:CA	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:47:ASP:CB	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:47:ASP:CG	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:47:ASP:H	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:47:ASP:N	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:47:ASP:O	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:47:ASP:OD1	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:47:ASP:OD2	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:48:GLY:C	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:48:GLY:CA	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:48:GLY:H	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:48:GLY:N	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:48:GLY:O	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:49:GLU:C	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:49:GLU:CA	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:49:GLU:CB	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:49:GLU:CD	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:49:GLU:CG	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:49:GLU:H	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:49:GLU:N	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:49:GLU:O	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:49:GLU:OE1	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:49:GLU:OE2	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:50:THR:C	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:50:THR:CA	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:50:THR:CB	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:50:THR:CG2	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:50:THR:H	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:50:THR:HG1	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:50:THR:N	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:50:THR:O	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:50:THR:OG1	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:51:CYS:C	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:51:CYS:CA	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:51:CYS:CB	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C13	2:B:51:CYS:H	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:51:CYS:HG	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:51:CYS:N	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:51:CYS:O	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:51:CYS:SG	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:105:ASP:C	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:105:ASP:CA	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:105:ASP:CB	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:105:ASP:CG	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:105:ASP:H	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:105:ASP:N	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:105:ASP:O	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:105:ASP:OD1	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:105:ASP:OD2	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:106:SER:C	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:106:SER:CA	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:106:SER:CB	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:106:SER:H	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:106:SER:HG	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:106:SER:N	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:106:SER:O	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:106:SER:OG	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:107:GLU:C	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:107:GLU:CA	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:107:GLU:CB	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:107:GLU:CD	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:107:GLU:CG	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:107:GLU:H	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:107:GLU:N	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:107:GLU:O	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:107:GLU:OE1	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:107:GLU:OE2	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:132:ASP:C	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:132:ASP:CA	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:132:ASP:CB	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:132:ASP:CG	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:132:ASP:H	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:132:ASP:N	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:132:ASP:O	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:132:ASP:OD1	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:132:ASP:OD2	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:133:LEU:C	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C13	2:B:133:LEU:CA	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:133:LEU:CB	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:133:LEU:CD1	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:133:LEU:CD2	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:133:LEU:CG	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:133:LEU:H	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:133:LEU:N	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:133:LEU:O	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:134:ALA:C	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:134:ALA:CA	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:134:ALA:CB	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:134:ALA:H	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:134:ALA:N	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:134:ALA:O	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:137:TYR:C	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:137:TYR:CA	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:137:TYR:CB	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:137:TYR:CD1	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:137:TYR:CD2	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:137:TYR:CE1	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:137:TYR:CE2	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:137:TYR:CG	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:137:TYR:CZ	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:137:TYR:H	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:137:TYR:HH	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:137:TYR:N	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:137:TYR:O	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:137:TYR:OH	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:138:GLY:C	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:138:GLY:CA	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:138:GLY:H	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:138:GLY:N	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:138:GLY:O	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:139:ILE:C	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:139:ILE:CA	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:139:ILE:CB	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:139:ILE:CD1	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:139:ILE:CG1	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:139:ILE:CG2	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:139:ILE:H	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:139:ILE:N	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:139:ILE:O	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C13	2:B:140:PRO:C	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:140:PRO:CA	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:140:PRO:CB	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:140:PRO:CD	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:140:PRO:CG	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:140:PRO:N	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:140:PRO:O	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:141:PHE:C	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:141:PHE:CA	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:141:PHE:CB	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:141:PHE:CD1	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:141:PHE:CD2	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:141:PHE:CE1	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:141:PHE:CE2	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:141:PHE:CG	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:141:PHE:CZ	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:141:PHE:H	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:141:PHE:N	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:141:PHE:O	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:142:ILE:C	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:142:ILE:CA	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:142:ILE:CB	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:142:ILE:CD1	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:142:ILE:CG1	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:142:ILE:CG2	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:142:ILE:H	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:142:ILE:N	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:142:ILE:O	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:143:GLU:C	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:143:GLU:CA	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:143:GLU:CB	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:143:GLU:CD	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:143:GLU:CG	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:143:GLU:H	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:143:GLU:N	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:143:GLU:O	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:143:GLU:OE1	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:143:GLU:OE2	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:158:THR:C	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:158:THR:CA	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:158:THR:CB	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:158:THR:CG2	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C13	2:B:158:THR:H	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:158:THR:HG1	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:158:THR:N	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:158:THR:O	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:158:THR:OG1	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:159:LEU:C	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:159:LEU:CA	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:159:LEU:CB	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:159:LEU:CD1	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:159:LEU:CD2	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:159:LEU:CG	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:159:LEU:H	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:159:LEU:N	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:159:LEU:O	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:160:VAL:C	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:160:VAL:CA	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:160:VAL:CB	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:160:VAL:CG1	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:160:VAL:CG2	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:160:VAL:H	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:160:VAL:N	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:160:VAL:O	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:170:MET:C	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:170:MET:CA	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:170:MET:CB	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:170:MET:CE	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:170:MET:CG	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:170:MET:H	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:170:MET:N	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:170:MET:O	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:170:MET:SD	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:171:SER:C	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:171:SER:CA	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:171:SER:CB	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:171:SER:H	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:171:SER:HG	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:171:SER:N	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:171:SER:O	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:171:SER:OG	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:172:LYS:C	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:172:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:172:LYS:CB	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C13	2:B:172:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:172:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:172:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:172:LYS:H	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:172:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:172:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:172:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:172:LYS:N	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:172:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:172:LYS:O	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:173:ASP:C	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:173:ASP:CA	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:173:ASP:CB	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:173:ASP:CG	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:173:ASP:H	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:173:ASP:N	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:173:ASP:O	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:173:ASP:OD1	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:173:ASP:OD2	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:174:GLY:C	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:174:GLY:CA	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:174:GLY:H	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:174:GLY:N	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:174:GLY:O	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:175:LYS:C	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:175:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:175:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:175:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:175:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:175:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:175:LYS:H	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:175:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:175:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:175:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:175:LYS:N	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:175:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:175:LYS:O	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:176:LYS:C	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:176:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:176:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:176:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:176:LYS:CE	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C13	2:B:176:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:176:LYS:H	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:176:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:176:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:176:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:176:LYS:N	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:176:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:176:LYS:O	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:177:LYS:C	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:177:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:177:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:177:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:177:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:177:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:177:LYS:H	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:177:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:177:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:177:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:177:LYS:N	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:177:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:177:LYS:O	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:178:LYS:C	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:178:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:178:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:178:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:178:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:178:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:178:LYS:H	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:178:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:178:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:178:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:178:LYS:N	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:178:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:178:LYS:O	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:184:LYS:C	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:184:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:184:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:184:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:184:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:184:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:184:LYS:H	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:184:LYS:HZ1	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C13	2:B:184:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:184:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:184:LYS:N	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:184:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:184:LYS:O	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:185:CYS:C	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:185:CYS:CA	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:185:CYS:CB	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:185:CYS:H	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:185:CYS:HG	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:185:CYS:N	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:185:CYS:O	1	4.68
(1,8)	3:A:8:PCW:C13	2:B:185:CYS:SG	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:1:MET:C	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:1:MET:CA	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:1:MET:CB	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:1:MET:CE	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:1:MET:CG	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:1:MET:H	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:1:MET:N	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:1:MET:O	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:1:MET:SD	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:2:THR:C	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:2:THR:CA	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:2:THR:CB	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:2:THR:CG2	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:2:THR:H	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:2:THR:HG1	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:2:THR:N	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:2:THR:O	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:2:THR:OG1	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:3:GLU:C	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:3:GLU:CA	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:3:GLU:CB	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:3:GLU:CD	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:3:GLU:CG	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:3:GLU:H	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:3:GLU:N	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:3:GLU:O	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:3:GLU:OE1	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:3:GLU:OE2	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:4:TYR:C	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C14	2:B:4:TYR:CA	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:4:TYR:CB	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:4:TYR:CD1	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:4:TYR:CD2	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:4:TYR:CE1	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:4:TYR:CE2	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:4:TYR:CG	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:4:TYR:CZ	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:4:TYR:H	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:4:TYR:HH	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:4:TYR:N	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:4:TYR:O	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:4:TYR:OH	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:47:ASP:C	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:47:ASP:CA	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:47:ASP:CB	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:47:ASP:CG	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:47:ASP:H	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:47:ASP:N	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:47:ASP:O	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:47:ASP:OD1	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:47:ASP:OD2	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:48:GLY:C	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:48:GLY:CA	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:48:GLY:H	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:48:GLY:N	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:48:GLY:O	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:49:GLU:C	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:49:GLU:CA	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:49:GLU:CB	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:49:GLU:CD	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:49:GLU:CG	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:49:GLU:H	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:49:GLU:N	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:49:GLU:O	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:49:GLU:OE1	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:49:GLU:OE2	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:50:THR:C	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:50:THR:CA	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:50:THR:CB	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:50:THR:CG2	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:50:THR:H	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C14	2:B:50:THR:HG1	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:50:THR:N	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:50:THR:O	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:50:THR:OG1	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:51:CYS:C	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:51:CYS:CA	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:51:CYS:CB	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:51:CYS:H	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:51:CYS:HG	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:51:CYS:N	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:51:CYS:O	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:51:CYS:SG	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:105:ASP:C	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:105:ASP:CA	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:105:ASP:CB	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:105:ASP:CG	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:105:ASP:H	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:105:ASP:N	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:105:ASP:O	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:105:ASP:OD1	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:105:ASP:OD2	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:106:SER:C	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:106:SER:CA	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:106:SER:CB	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:106:SER:H	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:106:SER:HG	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:106:SER:N	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:106:SER:O	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:106:SER:OG	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:107:GLU:C	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:107:GLU:CA	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:107:GLU:CB	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:107:GLU:CD	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:107:GLU:CG	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:107:GLU:H	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:107:GLU:N	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:107:GLU:O	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:107:GLU:OE1	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:107:GLU:OE2	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:132:ASP:C	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:132:ASP:CA	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:132:ASP:CB	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C14	2:B:132:ASP:CG	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:132:ASP:H	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:132:ASP:N	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:132:ASP:O	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:132:ASP:OD1	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:132:ASP:OD2	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:133:LEU:C	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:133:LEU:CA	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:133:LEU:CB	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:133:LEU:CD1	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:133:LEU:CD2	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:133:LEU:CG	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:133:LEU:H	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:133:LEU:N	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:133:LEU:O	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:134:ALA:C	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:134:ALA:CA	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:134:ALA:CB	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:134:ALA:H	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:134:ALA:N	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:134:ALA:O	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:137:TYR:C	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:137:TYR:CA	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:137:TYR:CB	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:137:TYR:CD1	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:137:TYR:CD2	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:137:TYR:CE1	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:137:TYR:CE2	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:137:TYR:CG	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:137:TYR:CZ	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:137:TYR:H	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:137:TYR:HH	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:137:TYR:N	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:137:TYR:O	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:137:TYR:OH	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:138:GLY:C	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:138:GLY:CA	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:138:GLY:H	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:138:GLY:N	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:138:GLY:O	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:139:ILE:C	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:139:ILE:CA	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C14	2:B:139:ILE:CB	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:139:ILE:CD1	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:139:ILE:CG1	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:139:ILE:CG2	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:139:ILE:H	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:139:ILE:N	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:139:ILE:O	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:140:PRO:C	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:140:PRO:CA	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:140:PRO:CB	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:140:PRO:CD	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:140:PRO:CG	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:140:PRO:N	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:140:PRO:O	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:141:PHE:C	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:141:PHE:CA	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:141:PHE:CB	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:141:PHE:CD1	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:141:PHE:CD2	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:141:PHE:CE1	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:141:PHE:CE2	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:141:PHE:CG	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:141:PHE:CZ	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:141:PHE:H	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:141:PHE:N	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:141:PHE:O	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:142:ILE:C	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:142:ILE:CA	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:142:ILE:CB	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:142:ILE:CD1	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:142:ILE:CG1	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:142:ILE:CG2	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:142:ILE:H	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:142:ILE:N	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:142:ILE:O	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:143:GLU:C	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:143:GLU:CA	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:143:GLU:CB	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:143:GLU:CD	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:143:GLU:CG	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:143:GLU:H	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:143:GLU:N	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C14	2:B:143:GLU:O	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:143:GLU:OE1	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:143:GLU:OE2	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:158:THR:C	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:158:THR:CA	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:158:THR:CB	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:158:THR:CG2	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:158:THR:H	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:158:THR:HG1	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:158:THR:N	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:158:THR:O	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:158:THR:OG1	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:159:LEU:C	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:159:LEU:CA	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:159:LEU:CB	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:159:LEU:CD1	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:159:LEU:CD2	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:159:LEU:CG	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:159:LEU:H	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:159:LEU:N	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:159:LEU:O	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:160:VAL:C	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:160:VAL:CA	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:160:VAL:CB	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:160:VAL:CG1	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:160:VAL:CG2	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:160:VAL:H	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:160:VAL:N	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:160:VAL:O	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:170:MET:C	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:170:MET:CA	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:170:MET:CB	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:170:MET:CE	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:170:MET:CG	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:170:MET:H	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:170:MET:N	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:170:MET:O	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:170:MET:SD	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:171:SER:C	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:171:SER:CA	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:171:SER:CB	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:171:SER:H	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C14	2:B:171:SER:HG	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:171:SER:N	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:171:SER:O	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:171:SER:OG	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:172:LYS:C	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:172:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:172:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:172:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:172:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:172:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:172:LYS:H	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:172:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:172:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:172:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:172:LYS:N	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:172:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:172:LYS:O	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:173:ASP:C	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:173:ASP:CA	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:173:ASP:CB	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:173:ASP:CG	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:173:ASP:H	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:173:ASP:N	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:173:ASP:O	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:173:ASP:OD1	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:173:ASP:OD2	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:174:GLY:C	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:174:GLY:CA	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:174:GLY:H	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:174:GLY:N	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:174:GLY:O	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:175:LYS:C	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:175:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:175:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:175:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:175:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:175:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:175:LYS:H	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:175:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:175:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:175:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:175:LYS:N	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C14	2:B:175:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:175:LYS:O	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:176:LYS:C	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:176:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:176:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:176:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:176:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:176:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:176:LYS:H	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:176:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:176:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:176:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:176:LYS:N	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:176:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:176:LYS:O	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:177:LYS:C	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:177:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:177:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:177:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:177:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:177:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:177:LYS:H	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:177:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:177:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:177:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:177:LYS:N	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:177:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:177:LYS:O	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:178:LYS:C	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:178:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:178:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:178:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:178:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:178:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:178:LYS:H	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:178:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:178:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:178:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:178:LYS:N	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:178:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:178:LYS:O	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:184:LYS:C	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C14	2:B:184:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:184:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:184:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:184:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:184:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:184:LYS:H	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:184:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:184:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:184:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:184:LYS:N	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:184:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:184:LYS:O	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:185:CYS:C	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:185:CYS:CA	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:185:CYS:CB	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:185:CYS:H	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:185:CYS:HG	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:185:CYS:N	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:185:CYS:O	1	4.68
(1,8)	3:A:8:PCW:C14	2:B:185:CYS:SG	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:1:MET:C	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:1:MET:CA	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:1:MET:CB	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:1:MET:CE	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:1:MET:CG	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:1:MET:H	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:1:MET:N	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:1:MET:O	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:1:MET:SD	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:2:THR:C	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:2:THR:CA	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:2:THR:CB	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:2:THR:CG2	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:2:THR:H	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:2:THR:HG1	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:2:THR:N	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:2:THR:O	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:2:THR:OG1	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:3:GLU:C	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:3:GLU:CA	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:3:GLU:CB	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:3:GLU:CD	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C15	2:B:3:GLU:CG	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:3:GLU:H	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:3:GLU:N	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:3:GLU:O	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:3:GLU:OE1	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:3:GLU:OE2	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:4:TYR:C	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:4:TYR:CA	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:4:TYR:CB	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:4:TYR:CD1	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:4:TYR:CD2	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:4:TYR:CE1	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:4:TYR:CE2	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:4:TYR:CG	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:4:TYR:CZ	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:4:TYR:H	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:4:TYR:HH	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:4:TYR:N	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:4:TYR:O	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:4:TYR:OH	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:47:ASP:C	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:47:ASP:CA	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:47:ASP:CB	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:47:ASP:CG	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:47:ASP:H	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:47:ASP:N	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:47:ASP:O	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:47:ASP:OD1	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:47:ASP:OD2	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:48:GLY:C	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:48:GLY:CA	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:48:GLY:H	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:48:GLY:N	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:48:GLY:O	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:49:GLU:C	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:49:GLU:CA	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:49:GLU:CB	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:49:GLU:CD	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:49:GLU:CG	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:49:GLU:H	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:49:GLU:N	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:49:GLU:O	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C15	2:B:49:GLU:OE1	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:49:GLU:OE2	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:50:THR:C	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:50:THR:CA	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:50:THR:CB	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:50:THR:CG2	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:50:THR:H	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:50:THR:HG1	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:50:THR:N	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:50:THR:O	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:50:THR:OG1	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:51:CYS:C	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:51:CYS:CA	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:51:CYS:CB	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:51:CYS:H	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:51:CYS:HG	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:51:CYS:N	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:51:CYS:O	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:51:CYS:SG	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:105:ASP:C	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:105:ASP:CA	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:105:ASP:CB	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:105:ASP:CG	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:105:ASP:H	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:105:ASP:N	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:105:ASP:O	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:105:ASP:OD1	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:105:ASP:OD2	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:106:SER:C	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:106:SER:CA	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:106:SER:CB	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:106:SER:H	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:106:SER:HG	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:106:SER:N	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:106:SER:O	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:106:SER:OG	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:107:GLU:C	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:107:GLU:CA	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:107:GLU:CB	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:107:GLU:CD	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:107:GLU:CG	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:107:GLU:H	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C15	2:B:107:GLU:N	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:107:GLU:O	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:107:GLU:OE1	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:107:GLU:OE2	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:132:ASP:C	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:132:ASP:CA	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:132:ASP:CB	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:132:ASP:CG	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:132:ASP:H	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:132:ASP:N	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:132:ASP:O	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:132:ASP:OD1	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:132:ASP:OD2	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:133:LEU:C	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:133:LEU:CA	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:133:LEU:CB	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:133:LEU:CD1	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:133:LEU:CD2	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:133:LEU:CG	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:133:LEU:H	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:133:LEU:N	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:133:LEU:O	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:134:ALA:C	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:134:ALA:CA	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:134:ALA:CB	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:134:ALA:H	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:134:ALA:N	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:134:ALA:O	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:137:TYR:C	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:137:TYR:CA	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:137:TYR:CB	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:137:TYR:CD1	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:137:TYR:CD2	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:137:TYR:CE1	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:137:TYR:CE2	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:137:TYR:CG	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:137:TYR:CZ	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:137:TYR:H	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:137:TYR:HH	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:137:TYR:N	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:137:TYR:O	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:137:TYR:OH	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C15	2:B:138:GLY:C	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:138:GLY:CA	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:138:GLY:H	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:138:GLY:N	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:138:GLY:O	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:139:ILE:C	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:139:ILE:CA	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:139:ILE:CB	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:139:ILE:CD1	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:139:ILE:CG1	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:139:ILE:CG2	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:139:ILE:H	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:139:ILE:N	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:139:ILE:O	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:140:PRO:C	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:140:PRO:CA	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:140:PRO:CB	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:140:PRO:CD	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:140:PRO:CG	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:140:PRO:N	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:140:PRO:O	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:141:PHE:C	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:141:PHE:CA	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:141:PHE:CB	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:141:PHE:CD1	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:141:PHE:CD2	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:141:PHE:CE1	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:141:PHE:CE2	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:141:PHE:CG	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:141:PHE:CZ	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:141:PHE:H	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:141:PHE:N	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:141:PHE:O	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:142:ILE:C	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:142:ILE:CA	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:142:ILE:CB	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:142:ILE:CD1	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:142:ILE:CG1	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:142:ILE:CG2	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:142:ILE:H	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:142:ILE:N	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:142:ILE:O	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C15	2:B:143:GLU:C	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:143:GLU:CA	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:143:GLU:CB	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:143:GLU:CD	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:143:GLU:CG	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:143:GLU:H	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:143:GLU:N	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:143:GLU:O	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:143:GLU:OE1	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:143:GLU:OE2	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:158:THR:C	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:158:THR:CA	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:158:THR:CB	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:158:THR:CG2	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:158:THR:H	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:158:THR:HG1	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:158:THR:N	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:158:THR:O	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:158:THR:OG1	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:159:LEU:C	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:159:LEU:CA	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:159:LEU:CB	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:159:LEU:CD1	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:159:LEU:CD2	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:159:LEU:CG	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:159:LEU:H	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:159:LEU:N	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:159:LEU:O	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:160:VAL:C	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:160:VAL:CA	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:160:VAL:CB	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:160:VAL:CG1	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:160:VAL:CG2	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:160:VAL:H	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:160:VAL:N	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:160:VAL:O	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:170:MET:C	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:170:MET:CA	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:170:MET:CB	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:170:MET:CE	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:170:MET:CG	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:170:MET:H	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C15	2:B:170:MET:N	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:170:MET:O	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:170:MET:SD	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:171:SER:C	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:171:SER:CA	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:171:SER:CB	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:171:SER:H	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:171:SER:HG	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:171:SER:N	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:171:SER:O	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:171:SER:OG	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:172:LYS:C	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:172:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:172:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:172:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:172:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:172:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:172:LYS:H	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:172:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:172:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:172:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:172:LYS:N	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:172:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:172:LYS:O	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:173:ASP:C	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:173:ASP:CA	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:173:ASP:CB	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:173:ASP:CG	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:173:ASP:H	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:173:ASP:N	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:173:ASP:O	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:173:ASP:OD1	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:173:ASP:OD2	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:174:GLY:C	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:174:GLY:CA	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:174:GLY:H	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:174:GLY:N	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:174:GLY:O	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:175:LYS:C	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:175:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:175:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:175:LYS:CD	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C15	2:B:175:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:175:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:175:LYS:H	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:175:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:175:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:175:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:175:LYS:N	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:175:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:175:LYS:O	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:176:LYS:C	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:176:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:176:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:176:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:176:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:176:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:176:LYS:H	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:176:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:176:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:176:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:176:LYS:N	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:176:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:176:LYS:O	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:177:LYS:C	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:177:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:177:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:177:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:177:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:177:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:177:LYS:H	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:177:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:177:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:177:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:177:LYS:N	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:177:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:177:LYS:O	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:178:LYS:C	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:178:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:178:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:178:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:178:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:178:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:178:LYS:H	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:C15	2:B:178:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:178:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:178:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:178:LYS:N	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:178:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:178:LYS:O	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:184:LYS:C	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:184:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:184:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:184:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:184:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:184:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:184:LYS:H	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:184:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:184:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:184:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:184:LYS:N	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:184:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:184:LYS:O	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:185:CYS:C	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:185:CYS:CA	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:185:CYS:CB	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:185:CYS:H	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:185:CYS:HG	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:185:CYS:N	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:185:CYS:O	1	4.68
(1,8)	3:A:8:PCW:C15	2:B:185:CYS:SG	1	4.68
(1,8)	3:A:8:PCW:N	2:B:1:MET:C	1	4.68
(1,8)	3:A:8:PCW:N	2:B:1:MET:CA	1	4.68
(1,8)	3:A:8:PCW:N	2:B:1:MET:CB	1	4.68
(1,8)	3:A:8:PCW:N	2:B:1:MET:CE	1	4.68
(1,8)	3:A:8:PCW:N	2:B:1:MET:CG	1	4.68
(1,8)	3:A:8:PCW:N	2:B:1:MET:H	1	4.68
(1,8)	3:A:8:PCW:N	2:B:1:MET:N	1	4.68
(1,8)	3:A:8:PCW:N	2:B:1:MET:O	1	4.68
(1,8)	3:A:8:PCW:N	2:B:1:MET:SD	1	4.68
(1,8)	3:A:8:PCW:N	2:B:2:THR:C	1	4.68
(1,8)	3:A:8:PCW:N	2:B:2:THR:CA	1	4.68
(1,8)	3:A:8:PCW:N	2:B:2:THR:CB	1	4.68
(1,8)	3:A:8:PCW:N	2:B:2:THR:CG2	1	4.68
(1,8)	3:A:8:PCW:N	2:B:2:THR:H	1	4.68
(1,8)	3:A:8:PCW:N	2:B:2:THR:HG1	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:N	2:B:2:THR:N	1	4.68
(1,8)	3:A:8:PCW:N	2:B:2:THR:O	1	4.68
(1,8)	3:A:8:PCW:N	2:B:2:THR:OG1	1	4.68
(1,8)	3:A:8:PCW:N	2:B:3:GLU:C	1	4.68
(1,8)	3:A:8:PCW:N	2:B:3:GLU:CA	1	4.68
(1,8)	3:A:8:PCW:N	2:B:3:GLU:CB	1	4.68
(1,8)	3:A:8:PCW:N	2:B:3:GLU:CD	1	4.68
(1,8)	3:A:8:PCW:N	2:B:3:GLU:CG	1	4.68
(1,8)	3:A:8:PCW:N	2:B:3:GLU:H	1	4.68
(1,8)	3:A:8:PCW:N	2:B:3:GLU:N	1	4.68
(1,8)	3:A:8:PCW:N	2:B:3:GLU:O	1	4.68
(1,8)	3:A:8:PCW:N	2:B:3:GLU:OE1	1	4.68
(1,8)	3:A:8:PCW:N	2:B:3:GLU:OE2	1	4.68
(1,8)	3:A:8:PCW:N	2:B:4:TYR:C	1	4.68
(1,8)	3:A:8:PCW:N	2:B:4:TYR:CA	1	4.68
(1,8)	3:A:8:PCW:N	2:B:4:TYR:CB	1	4.68
(1,8)	3:A:8:PCW:N	2:B:4:TYR:CD1	1	4.68
(1,8)	3:A:8:PCW:N	2:B:4:TYR:CD2	1	4.68
(1,8)	3:A:8:PCW:N	2:B:4:TYR:CE1	1	4.68
(1,8)	3:A:8:PCW:N	2:B:4:TYR:CE2	1	4.68
(1,8)	3:A:8:PCW:N	2:B:4:TYR:CG	1	4.68
(1,8)	3:A:8:PCW:N	2:B:4:TYR:CZ	1	4.68
(1,8)	3:A:8:PCW:N	2:B:4:TYR:H	1	4.68
(1,8)	3:A:8:PCW:N	2:B:4:TYR:HH	1	4.68
(1,8)	3:A:8:PCW:N	2:B:4:TYR:N	1	4.68
(1,8)	3:A:8:PCW:N	2:B:4:TYR:O	1	4.68
(1,8)	3:A:8:PCW:N	2:B:4:TYR:OH	1	4.68
(1,8)	3:A:8:PCW:N	2:B:47:ASP:C	1	4.68
(1,8)	3:A:8:PCW:N	2:B:47:ASP:CA	1	4.68
(1,8)	3:A:8:PCW:N	2:B:47:ASP:CB	1	4.68
(1,8)	3:A:8:PCW:N	2:B:47:ASP:CG	1	4.68
(1,8)	3:A:8:PCW:N	2:B:47:ASP:H	1	4.68
(1,8)	3:A:8:PCW:N	2:B:47:ASP:N	1	4.68
(1,8)	3:A:8:PCW:N	2:B:47:ASP:O	1	4.68
(1,8)	3:A:8:PCW:N	2:B:47:ASP:OD1	1	4.68
(1,8)	3:A:8:PCW:N	2:B:47:ASP:OD2	1	4.68
(1,8)	3:A:8:PCW:N	2:B:48:GLY:C	1	4.68
(1,8)	3:A:8:PCW:N	2:B:48:GLY:CA	1	4.68
(1,8)	3:A:8:PCW:N	2:B:48:GLY:H	1	4.68
(1,8)	3:A:8:PCW:N	2:B:48:GLY:N	1	4.68
(1,8)	3:A:8:PCW:N	2:B:48:GLY:O	1	4.68
(1,8)	3:A:8:PCW:N	2:B:49:GLU:C	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:N	2:B:49:GLU:CA	1	4.68
(1,8)	3:A:8:PCW:N	2:B:49:GLU:CB	1	4.68
(1,8)	3:A:8:PCW:N	2:B:49:GLU:CD	1	4.68
(1,8)	3:A:8:PCW:N	2:B:49:GLU:CG	1	4.68
(1,8)	3:A:8:PCW:N	2:B:49:GLU:H	1	4.68
(1,8)	3:A:8:PCW:N	2:B:49:GLU:N	1	4.68
(1,8)	3:A:8:PCW:N	2:B:49:GLU:O	1	4.68
(1,8)	3:A:8:PCW:N	2:B:49:GLU:OE1	1	4.68
(1,8)	3:A:8:PCW:N	2:B:49:GLU:OE2	1	4.68
(1,8)	3:A:8:PCW:N	2:B:50:THR:C	1	4.68
(1,8)	3:A:8:PCW:N	2:B:50:THR:CA	1	4.68
(1,8)	3:A:8:PCW:N	2:B:50:THR:CB	1	4.68
(1,8)	3:A:8:PCW:N	2:B:50:THR:CG2	1	4.68
(1,8)	3:A:8:PCW:N	2:B:50:THR:H	1	4.68
(1,8)	3:A:8:PCW:N	2:B:50:THR:HG1	1	4.68
(1,8)	3:A:8:PCW:N	2:B:50:THR:N	1	4.68
(1,8)	3:A:8:PCW:N	2:B:50:THR:O	1	4.68
(1,8)	3:A:8:PCW:N	2:B:50:THR:OG1	1	4.68
(1,8)	3:A:8:PCW:N	2:B:51:CYS:C	1	4.68
(1,8)	3:A:8:PCW:N	2:B:51:CYS:CA	1	4.68
(1,8)	3:A:8:PCW:N	2:B:51:CYS:CB	1	4.68
(1,8)	3:A:8:PCW:N	2:B:51:CYS:H	1	4.68
(1,8)	3:A:8:PCW:N	2:B:51:CYS:HG	1	4.68
(1,8)	3:A:8:PCW:N	2:B:51:CYS:N	1	4.68
(1,8)	3:A:8:PCW:N	2:B:51:CYS:O	1	4.68
(1,8)	3:A:8:PCW:N	2:B:51:CYS:SG	1	4.68
(1,8)	3:A:8:PCW:N	2:B:105:ASP:C	1	4.68
(1,8)	3:A:8:PCW:N	2:B:105:ASP:CA	1	4.68
(1,8)	3:A:8:PCW:N	2:B:105:ASP:CB	1	4.68
(1,8)	3:A:8:PCW:N	2:B:105:ASP:CG	1	4.68
(1,8)	3:A:8:PCW:N	2:B:105:ASP:H	1	4.68
(1,8)	3:A:8:PCW:N	2:B:105:ASP:N	1	4.68
(1,8)	3:A:8:PCW:N	2:B:105:ASP:O	1	4.68
(1,8)	3:A:8:PCW:N	2:B:105:ASP:OD1	1	4.68
(1,8)	3:A:8:PCW:N	2:B:105:ASP:OD2	1	4.68
(1,8)	3:A:8:PCW:N	2:B:106:SER:C	1	4.68
(1,8)	3:A:8:PCW:N	2:B:106:SER:CA	1	4.68
(1,8)	3:A:8:PCW:N	2:B:106:SER:CB	1	4.68
(1,8)	3:A:8:PCW:N	2:B:106:SER:H	1	4.68
(1,8)	3:A:8:PCW:N	2:B:106:SER:HG	1	4.68
(1,8)	3:A:8:PCW:N	2:B:106:SER:N	1	4.68
(1,8)	3:A:8:PCW:N	2:B:106:SER:O	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:N	2:B:106:SER:OG	1	4.68
(1,8)	3:A:8:PCW:N	2:B:107:GLU:C	1	4.68
(1,8)	3:A:8:PCW:N	2:B:107:GLU:CA	1	4.68
(1,8)	3:A:8:PCW:N	2:B:107:GLU:CB	1	4.68
(1,8)	3:A:8:PCW:N	2:B:107:GLU:CD	1	4.68
(1,8)	3:A:8:PCW:N	2:B:107:GLU:CG	1	4.68
(1,8)	3:A:8:PCW:N	2:B:107:GLU:H	1	4.68
(1,8)	3:A:8:PCW:N	2:B:107:GLU:N	1	4.68
(1,8)	3:A:8:PCW:N	2:B:107:GLU:O	1	4.68
(1,8)	3:A:8:PCW:N	2:B:107:GLU:OE1	1	4.68
(1,8)	3:A:8:PCW:N	2:B:107:GLU:OE2	1	4.68
(1,8)	3:A:8:PCW:N	2:B:132:ASP:C	1	4.68
(1,8)	3:A:8:PCW:N	2:B:132:ASP:CA	1	4.68
(1,8)	3:A:8:PCW:N	2:B:132:ASP:CB	1	4.68
(1,8)	3:A:8:PCW:N	2:B:132:ASP:CG	1	4.68
(1,8)	3:A:8:PCW:N	2:B:132:ASP:H	1	4.68
(1,8)	3:A:8:PCW:N	2:B:132:ASP:N	1	4.68
(1,8)	3:A:8:PCW:N	2:B:132:ASP:O	1	4.68
(1,8)	3:A:8:PCW:N	2:B:132:ASP:OD1	1	4.68
(1,8)	3:A:8:PCW:N	2:B:132:ASP:OD2	1	4.68
(1,8)	3:A:8:PCW:N	2:B:133:LEU:C	1	4.68
(1,8)	3:A:8:PCW:N	2:B:133:LEU:CA	1	4.68
(1,8)	3:A:8:PCW:N	2:B:133:LEU:CB	1	4.68
(1,8)	3:A:8:PCW:N	2:B:133:LEU:CD1	1	4.68
(1,8)	3:A:8:PCW:N	2:B:133:LEU:CD2	1	4.68
(1,8)	3:A:8:PCW:N	2:B:133:LEU:CG	1	4.68
(1,8)	3:A:8:PCW:N	2:B:133:LEU:H	1	4.68
(1,8)	3:A:8:PCW:N	2:B:133:LEU:N	1	4.68
(1,8)	3:A:8:PCW:N	2:B:133:LEU:O	1	4.68
(1,8)	3:A:8:PCW:N	2:B:134:ALA:C	1	4.68
(1,8)	3:A:8:PCW:N	2:B:134:ALA:CA	1	4.68
(1,8)	3:A:8:PCW:N	2:B:134:ALA:CB	1	4.68
(1,8)	3:A:8:PCW:N	2:B:134:ALA:H	1	4.68
(1,8)	3:A:8:PCW:N	2:B:134:ALA:N	1	4.68
(1,8)	3:A:8:PCW:N	2:B:134:ALA:O	1	4.68
(1,8)	3:A:8:PCW:N	2:B:137:TYR:C	1	4.68
(1,8)	3:A:8:PCW:N	2:B:137:TYR:CA	1	4.68
(1,8)	3:A:8:PCW:N	2:B:137:TYR:CB	1	4.68
(1,8)	3:A:8:PCW:N	2:B:137:TYR:CD1	1	4.68
(1,8)	3:A:8:PCW:N	2:B:137:TYR:CD2	1	4.68
(1,8)	3:A:8:PCW:N	2:B:137:TYR:CE1	1	4.68
(1,8)	3:A:8:PCW:N	2:B:137:TYR:CE2	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:N	2:B:137:TYR:CG	1	4.68
(1,8)	3:A:8:PCW:N	2:B:137:TYR:CZ	1	4.68
(1,8)	3:A:8:PCW:N	2:B:137:TYR:H	1	4.68
(1,8)	3:A:8:PCW:N	2:B:137:TYR:HH	1	4.68
(1,8)	3:A:8:PCW:N	2:B:137:TYR:N	1	4.68
(1,8)	3:A:8:PCW:N	2:B:137:TYR:O	1	4.68
(1,8)	3:A:8:PCW:N	2:B:137:TYR:OH	1	4.68
(1,8)	3:A:8:PCW:N	2:B:138:GLY:C	1	4.68
(1,8)	3:A:8:PCW:N	2:B:138:GLY:CA	1	4.68
(1,8)	3:A:8:PCW:N	2:B:138:GLY:H	1	4.68
(1,8)	3:A:8:PCW:N	2:B:138:GLY:N	1	4.68
(1,8)	3:A:8:PCW:N	2:B:138:GLY:O	1	4.68
(1,8)	3:A:8:PCW:N	2:B:139:ILE:C	1	4.68
(1,8)	3:A:8:PCW:N	2:B:139:ILE:CA	1	4.68
(1,8)	3:A:8:PCW:N	2:B:139:ILE:CB	1	4.68
(1,8)	3:A:8:PCW:N	2:B:139:ILE:CD1	1	4.68
(1,8)	3:A:8:PCW:N	2:B:139:ILE:CG1	1	4.68
(1,8)	3:A:8:PCW:N	2:B:139:ILE:CG2	1	4.68
(1,8)	3:A:8:PCW:N	2:B:139:ILE:H	1	4.68
(1,8)	3:A:8:PCW:N	2:B:139:ILE:N	1	4.68
(1,8)	3:A:8:PCW:N	2:B:139:ILE:O	1	4.68
(1,8)	3:A:8:PCW:N	2:B:140:PRO:C	1	4.68
(1,8)	3:A:8:PCW:N	2:B:140:PRO:CA	1	4.68
(1,8)	3:A:8:PCW:N	2:B:140:PRO:CB	1	4.68
(1,8)	3:A:8:PCW:N	2:B:140:PRO:CD	1	4.68
(1,8)	3:A:8:PCW:N	2:B:140:PRO:CG	1	4.68
(1,8)	3:A:8:PCW:N	2:B:140:PRO:N	1	4.68
(1,8)	3:A:8:PCW:N	2:B:140:PRO:O	1	4.68
(1,8)	3:A:8:PCW:N	2:B:141:PHE:C	1	4.68
(1,8)	3:A:8:PCW:N	2:B:141:PHE:CA	1	4.68
(1,8)	3:A:8:PCW:N	2:B:141:PHE:CB	1	4.68
(1,8)	3:A:8:PCW:N	2:B:141:PHE:CD1	1	4.68
(1,8)	3:A:8:PCW:N	2:B:141:PHE:CD2	1	4.68
(1,8)	3:A:8:PCW:N	2:B:141:PHE:CE1	1	4.68
(1,8)	3:A:8:PCW:N	2:B:141:PHE:CE2	1	4.68
(1,8)	3:A:8:PCW:N	2:B:141:PHE:CG	1	4.68
(1,8)	3:A:8:PCW:N	2:B:141:PHE:CZ	1	4.68
(1,8)	3:A:8:PCW:N	2:B:141:PHE:H	1	4.68
(1,8)	3:A:8:PCW:N	2:B:141:PHE:N	1	4.68
(1,8)	3:A:8:PCW:N	2:B:141:PHE:O	1	4.68
(1,8)	3:A:8:PCW:N	2:B:142:ILE:C	1	4.68
(1,8)	3:A:8:PCW:N	2:B:142:ILE:CA	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:N	2:B:142:ILE:CB	1	4.68
(1,8)	3:A:8:PCW:N	2:B:142:ILE:CD1	1	4.68
(1,8)	3:A:8:PCW:N	2:B:142:ILE:CG1	1	4.68
(1,8)	3:A:8:PCW:N	2:B:142:ILE:CG2	1	4.68
(1,8)	3:A:8:PCW:N	2:B:142:ILE:H	1	4.68
(1,8)	3:A:8:PCW:N	2:B:142:ILE:N	1	4.68
(1,8)	3:A:8:PCW:N	2:B:142:ILE:O	1	4.68
(1,8)	3:A:8:PCW:N	2:B:143:GLU:C	1	4.68
(1,8)	3:A:8:PCW:N	2:B:143:GLU:CA	1	4.68
(1,8)	3:A:8:PCW:N	2:B:143:GLU:CB	1	4.68
(1,8)	3:A:8:PCW:N	2:B:143:GLU:CD	1	4.68
(1,8)	3:A:8:PCW:N	2:B:143:GLU:CG	1	4.68
(1,8)	3:A:8:PCW:N	2:B:143:GLU:H	1	4.68
(1,8)	3:A:8:PCW:N	2:B:143:GLU:N	1	4.68
(1,8)	3:A:8:PCW:N	2:B:143:GLU:O	1	4.68
(1,8)	3:A:8:PCW:N	2:B:143:GLU:OE1	1	4.68
(1,8)	3:A:8:PCW:N	2:B:143:GLU:OE2	1	4.68
(1,8)	3:A:8:PCW:N	2:B:158:THR:C	1	4.68
(1,8)	3:A:8:PCW:N	2:B:158:THR:CA	1	4.68
(1,8)	3:A:8:PCW:N	2:B:158:THR:CB	1	4.68
(1,8)	3:A:8:PCW:N	2:B:158:THR:CG2	1	4.68
(1,8)	3:A:8:PCW:N	2:B:158:THR:H	1	4.68
(1,8)	3:A:8:PCW:N	2:B:158:THR:HG1	1	4.68
(1,8)	3:A:8:PCW:N	2:B:158:THR:N	1	4.68
(1,8)	3:A:8:PCW:N	2:B:158:THR:O	1	4.68
(1,8)	3:A:8:PCW:N	2:B:158:THR:OG1	1	4.68
(1,8)	3:A:8:PCW:N	2:B:159:LEU:C	1	4.68
(1,8)	3:A:8:PCW:N	2:B:159:LEU:CA	1	4.68
(1,8)	3:A:8:PCW:N	2:B:159:LEU:CB	1	4.68
(1,8)	3:A:8:PCW:N	2:B:159:LEU:CD1	1	4.68
(1,8)	3:A:8:PCW:N	2:B:159:LEU:CD2	1	4.68
(1,8)	3:A:8:PCW:N	2:B:159:LEU:CG	1	4.68
(1,8)	3:A:8:PCW:N	2:B:159:LEU:H	1	4.68
(1,8)	3:A:8:PCW:N	2:B:159:LEU:N	1	4.68
(1,8)	3:A:8:PCW:N	2:B:159:LEU:O	1	4.68
(1,8)	3:A:8:PCW:N	2:B:160:VAL:C	1	4.68
(1,8)	3:A:8:PCW:N	2:B:160:VAL:CA	1	4.68
(1,8)	3:A:8:PCW:N	2:B:160:VAL:CB	1	4.68
(1,8)	3:A:8:PCW:N	2:B:160:VAL:CG1	1	4.68
(1,8)	3:A:8:PCW:N	2:B:160:VAL:CG2	1	4.68
(1,8)	3:A:8:PCW:N	2:B:160:VAL:H	1	4.68
(1,8)	3:A:8:PCW:N	2:B:160:VAL:N	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:N	2:B:160:VAL:O	1	4.68
(1,8)	3:A:8:PCW:N	2:B:170:MET:C	1	4.68
(1,8)	3:A:8:PCW:N	2:B:170:MET:CA	1	4.68
(1,8)	3:A:8:PCW:N	2:B:170:MET:CB	1	4.68
(1,8)	3:A:8:PCW:N	2:B:170:MET:CE	1	4.68
(1,8)	3:A:8:PCW:N	2:B:170:MET:CG	1	4.68
(1,8)	3:A:8:PCW:N	2:B:170:MET:H	1	4.68
(1,8)	3:A:8:PCW:N	2:B:170:MET:N	1	4.68
(1,8)	3:A:8:PCW:N	2:B:170:MET:O	1	4.68
(1,8)	3:A:8:PCW:N	2:B:170:MET:SD	1	4.68
(1,8)	3:A:8:PCW:N	2:B:171:SER:C	1	4.68
(1,8)	3:A:8:PCW:N	2:B:171:SER:CA	1	4.68
(1,8)	3:A:8:PCW:N	2:B:171:SER:CB	1	4.68
(1,8)	3:A:8:PCW:N	2:B:171:SER:H	1	4.68
(1,8)	3:A:8:PCW:N	2:B:171:SER:HG	1	4.68
(1,8)	3:A:8:PCW:N	2:B:171:SER:N	1	4.68
(1,8)	3:A:8:PCW:N	2:B:171:SER:O	1	4.68
(1,8)	3:A:8:PCW:N	2:B:171:SER:OG	1	4.68
(1,8)	3:A:8:PCW:N	2:B:172:LYS:C	1	4.68
(1,8)	3:A:8:PCW:N	2:B:172:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:N	2:B:172:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:N	2:B:172:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:N	2:B:172:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:N	2:B:172:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:N	2:B:172:LYS:H	1	4.68
(1,8)	3:A:8:PCW:N	2:B:172:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:N	2:B:172:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:N	2:B:172:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:N	2:B:172:LYS:N	1	4.68
(1,8)	3:A:8:PCW:N	2:B:172:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:N	2:B:172:LYS:O	1	4.68
(1,8)	3:A:8:PCW:N	2:B:173:ASP:C	1	4.68
(1,8)	3:A:8:PCW:N	2:B:173:ASP:CA	1	4.68
(1,8)	3:A:8:PCW:N	2:B:173:ASP:CB	1	4.68
(1,8)	3:A:8:PCW:N	2:B:173:ASP:CG	1	4.68
(1,8)	3:A:8:PCW:N	2:B:173:ASP:H	1	4.68
(1,8)	3:A:8:PCW:N	2:B:173:ASP:N	1	4.68
(1,8)	3:A:8:PCW:N	2:B:173:ASP:O	1	4.68
(1,8)	3:A:8:PCW:N	2:B:173:ASP:OD1	1	4.68
(1,8)	3:A:8:PCW:N	2:B:173:ASP:OD2	1	4.68
(1,8)	3:A:8:PCW:N	2:B:174:GLY:C	1	4.68
(1,8)	3:A:8:PCW:N	2:B:174:GLY:CA	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:N	2:B:174:GLY:H	1	4.68
(1,8)	3:A:8:PCW:N	2:B:174:GLY:N	1	4.68
(1,8)	3:A:8:PCW:N	2:B:174:GLY:O	1	4.68
(1,8)	3:A:8:PCW:N	2:B:175:LYS:C	1	4.68
(1,8)	3:A:8:PCW:N	2:B:175:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:N	2:B:175:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:N	2:B:175:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:N	2:B:175:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:N	2:B:175:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:N	2:B:175:LYS:H	1	4.68
(1,8)	3:A:8:PCW:N	2:B:175:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:N	2:B:175:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:N	2:B:175:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:N	2:B:175:LYS:N	1	4.68
(1,8)	3:A:8:PCW:N	2:B:175:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:N	2:B:175:LYS:O	1	4.68
(1,8)	3:A:8:PCW:N	2:B:176:LYS:C	1	4.68
(1,8)	3:A:8:PCW:N	2:B:176:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:N	2:B:176:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:N	2:B:176:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:N	2:B:176:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:N	2:B:176:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:N	2:B:176:LYS:H	1	4.68
(1,8)	3:A:8:PCW:N	2:B:176:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:N	2:B:176:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:N	2:B:176:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:N	2:B:176:LYS:N	1	4.68
(1,8)	3:A:8:PCW:N	2:B:176:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:N	2:B:176:LYS:O	1	4.68
(1,8)	3:A:8:PCW:N	2:B:177:LYS:C	1	4.68
(1,8)	3:A:8:PCW:N	2:B:177:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:N	2:B:177:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:N	2:B:177:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:N	2:B:177:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:N	2:B:177:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:N	2:B:177:LYS:H	1	4.68
(1,8)	3:A:8:PCW:N	2:B:177:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:N	2:B:177:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:N	2:B:177:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:N	2:B:177:LYS:N	1	4.68
(1,8)	3:A:8:PCW:N	2:B:177:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:N	2:B:177:LYS:O	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:N	2:B:178:LYS:C	1	4.68
(1,8)	3:A:8:PCW:N	2:B:178:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:N	2:B:178:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:N	2:B:178:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:N	2:B:178:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:N	2:B:178:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:N	2:B:178:LYS:H	1	4.68
(1,8)	3:A:8:PCW:N	2:B:178:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:N	2:B:178:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:N	2:B:178:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:N	2:B:178:LYS:N	1	4.68
(1,8)	3:A:8:PCW:N	2:B:178:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:N	2:B:178:LYS:O	1	4.68
(1,8)	3:A:8:PCW:N	2:B:184:LYS:C	1	4.68
(1,8)	3:A:8:PCW:N	2:B:184:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:N	2:B:184:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:N	2:B:184:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:N	2:B:184:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:N	2:B:184:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:N	2:B:184:LYS:H	1	4.68
(1,8)	3:A:8:PCW:N	2:B:184:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:N	2:B:184:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:N	2:B:184:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:N	2:B:184:LYS:N	1	4.68
(1,8)	3:A:8:PCW:N	2:B:184:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:N	2:B:184:LYS:O	1	4.68
(1,8)	3:A:8:PCW:N	2:B:185:CYS:C	1	4.68
(1,8)	3:A:8:PCW:N	2:B:185:CYS:CA	1	4.68
(1,8)	3:A:8:PCW:N	2:B:185:CYS:CB	1	4.68
(1,8)	3:A:8:PCW:N	2:B:185:CYS:H	1	4.68
(1,8)	3:A:8:PCW:N	2:B:185:CYS:HG	1	4.68
(1,8)	3:A:8:PCW:N	2:B:185:CYS:N	1	4.68
(1,8)	3:A:8:PCW:N	2:B:185:CYS:O	1	4.68
(1,8)	3:A:8:PCW:N	2:B:185:CYS:SG	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:1:MET:C	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:1:MET:CA	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:1:MET:CB	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:1:MET:CE	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:1:MET:CG	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:1:MET:H	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:1:MET:N	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:1:MET:O	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O11	2:B:1:MET:SD	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:2:THR:C	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:2:THR:CA	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:2:THR:CB	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:2:THR:CG2	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:2:THR:H	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:2:THR:HG1	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:2:THR:N	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:2:THR:O	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:2:THR:OG1	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:3:GLU:C	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:3:GLU:CA	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:3:GLU:CB	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:3:GLU:CD	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:3:GLU:CG	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:3:GLU:H	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:3:GLU:N	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:3:GLU:O	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:3:GLU:OE1	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:3:GLU:OE2	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:4:TYR:C	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:4:TYR:CA	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:4:TYR:CB	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:4:TYR:CD1	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:4:TYR:CD2	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:4:TYR:CE1	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:4:TYR:CE2	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:4:TYR:CG	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:4:TYR:CZ	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:4:TYR:H	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:4:TYR:HH	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:4:TYR:N	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:4:TYR:O	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:4:TYR:OH	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:47:ASP:C	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:47:ASP:CA	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:47:ASP:CB	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:47:ASP:CG	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:47:ASP:H	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:47:ASP:N	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:47:ASP:O	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:47:ASP:OD1	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O11	2:B:47:ASP:OD2	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:48:GLY:C	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:48:GLY:CA	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:48:GLY:H	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:48:GLY:N	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:48:GLY:O	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:49:GLU:C	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:49:GLU:CA	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:49:GLU:CB	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:49:GLU:CD	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:49:GLU:CG	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:49:GLU:H	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:49:GLU:N	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:49:GLU:O	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:49:GLU:OE1	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:49:GLU:OE2	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:50:THR:C	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:50:THR:CA	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:50:THR:CB	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:50:THR:CG2	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:50:THR:H	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:50:THR:HG1	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:50:THR:N	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:50:THR:O	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:50:THR:OG1	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:51:CYS:C	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:51:CYS:CA	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:51:CYS:CB	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:51:CYS:H	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:51:CYS:HG	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:51:CYS:N	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:51:CYS:O	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:51:CYS:SG	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:105:ASP:C	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:105:ASP:CA	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:105:ASP:CB	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:105:ASP:CG	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:105:ASP:H	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:105:ASP:N	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:105:ASP:O	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:105:ASP:OD1	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:105:ASP:OD2	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O11	2:B:106:SER:C	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:106:SER:CA	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:106:SER:CB	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:106:SER:H	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:106:SER:HG	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:106:SER:N	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:106:SER:O	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:106:SER:OG	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:107:GLU:C	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:107:GLU:CA	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:107:GLU:CB	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:107:GLU:CD	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:107:GLU:CG	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:107:GLU:H	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:107:GLU:N	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:107:GLU:O	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:107:GLU:OE1	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:107:GLU:OE2	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:132:ASP:C	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:132:ASP:CA	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:132:ASP:CB	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:132:ASP:CG	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:132:ASP:H	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:132:ASP:N	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:132:ASP:O	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:132:ASP:OD1	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:132:ASP:OD2	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:133:LEU:C	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:133:LEU:CA	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:133:LEU:CB	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:133:LEU:CD1	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:133:LEU:CD2	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:133:LEU:CG	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:133:LEU:H	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:133:LEU:N	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:133:LEU:O	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:134:ALA:C	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:134:ALA:CA	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:134:ALA:CB	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:134:ALA:H	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:134:ALA:N	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:134:ALA:O	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O11	2:B:137:TYR:C	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:137:TYR:CA	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:137:TYR:CB	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:137:TYR:CD1	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:137:TYR:CD2	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:137:TYR:CE1	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:137:TYR:CE2	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:137:TYR:CG	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:137:TYR:CZ	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:137:TYR:H	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:137:TYR:HH	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:137:TYR:N	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:137:TYR:O	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:137:TYR:OH	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:138:GLY:C	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:138:GLY:CA	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:138:GLY:H	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:138:GLY:N	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:138:GLY:O	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:139:ILE:C	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:139:ILE:CA	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:139:ILE:CB	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:139:ILE:CD1	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:139:ILE:CG1	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:139:ILE:CG2	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:139:ILE:H	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:139:ILE:N	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:139:ILE:O	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:140:PRO:C	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:140:PRO:CA	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:140:PRO:CB	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:140:PRO:CD	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:140:PRO:CG	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:140:PRO:N	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:140:PRO:O	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:141:PHE:C	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:141:PHE:CA	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:141:PHE:CB	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:141:PHE:CD1	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:141:PHE:CD2	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:141:PHE:CE1	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:141:PHE:CE2	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O11	2:B:141:PHE:CG	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:141:PHE:CZ	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:141:PHE:H	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:141:PHE:N	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:141:PHE:O	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:142:ILE:C	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:142:ILE:CA	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:142:ILE:CB	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:142:ILE:CD1	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:142:ILE:CG1	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:142:ILE:CG2	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:142:ILE:H	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:142:ILE:N	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:142:ILE:O	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:143:GLU:C	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:143:GLU:CA	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:143:GLU:CB	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:143:GLU:CD	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:143:GLU:CG	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:143:GLU:H	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:143:GLU:N	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:143:GLU:O	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:143:GLU:OE1	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:143:GLU:OE2	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:158:THR:C	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:158:THR:CA	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:158:THR:CB	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:158:THR:CG2	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:158:THR:H	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:158:THR:HG1	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:158:THR:N	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:158:THR:O	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:158:THR:OG1	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:159:LEU:C	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:159:LEU:CA	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:159:LEU:CB	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:159:LEU:CD1	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:159:LEU:CD2	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:159:LEU:CG	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:159:LEU:H	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:159:LEU:N	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:159:LEU:O	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O11	2:B:160:VAL:C	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:160:VAL:CA	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:160:VAL:CB	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:160:VAL:CG1	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:160:VAL:CG2	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:160:VAL:H	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:160:VAL:N	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:160:VAL:O	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:170:MET:C	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:170:MET:CA	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:170:MET:CB	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:170:MET:CE	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:170:MET:CG	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:170:MET:H	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:170:MET:N	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:170:MET:O	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:170:MET:SD	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:171:SER:C	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:171:SER:CA	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:171:SER:CB	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:171:SER:H	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:171:SER:HG	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:171:SER:N	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:171:SER:O	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:171:SER:OG	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:172:LYS:C	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:172:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:172:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:172:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:172:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:172:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:172:LYS:H	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:172:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:172:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:172:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:172:LYS:N	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:172:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:172:LYS:O	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:173:ASP:C	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:173:ASP:CA	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:173:ASP:CB	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:173:ASP:CG	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O11	2:B:173:ASP:H	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:173:ASP:N	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:173:ASP:O	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:173:ASP:OD1	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:173:ASP:OD2	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:174:GLY:C	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:174:GLY:CA	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:174:GLY:H	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:174:GLY:N	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:174:GLY:O	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:175:LYS:C	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:175:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:175:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:175:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:175:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:175:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:175:LYS:H	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:175:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:175:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:175:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:175:LYS:N	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:175:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:175:LYS:O	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:176:LYS:C	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:176:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:176:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:176:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:176:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:176:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:176:LYS:H	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:176:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:176:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:176:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:176:LYS:N	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:176:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:176:LYS:O	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:177:LYS:C	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:177:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:177:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:177:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:177:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:177:LYS:CG	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O11	2:B:177:LYS:H	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:177:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:177:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:177:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:177:LYS:N	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:177:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:177:LYS:O	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:178:LYS:C	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:178:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:178:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:178:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:178:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:178:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:178:LYS:H	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:178:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:178:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:178:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:178:LYS:N	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:178:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:178:LYS:O	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:184:LYS:C	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:184:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:184:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:184:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:184:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:184:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:184:LYS:H	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:184:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:184:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:184:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:184:LYS:N	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:184:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:184:LYS:O	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:185:CYS:C	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:185:CYS:CA	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:185:CYS:CB	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:185:CYS:H	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:185:CYS:HG	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:185:CYS:N	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:185:CYS:O	1	4.68
(1,8)	3:A:8:PCW:O11	2:B:185:CYS:SG	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:1:MET:C	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O2	2:B:1:MET:CA	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:1:MET:CB	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:1:MET:CE	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:1:MET:CG	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:1:MET:H	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:1:MET:N	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:1:MET:O	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:1:MET:SD	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:2:THR:C	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:2:THR:CA	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:2:THR:CB	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:2:THR:CG2	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:2:THR:H	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:2:THR:HG1	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:2:THR:N	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:2:THR:O	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:2:THR:OG1	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:3:GLU:C	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:3:GLU:CA	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:3:GLU:CB	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:3:GLU:CD	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:3:GLU:CG	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:3:GLU:H	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:3:GLU:N	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:3:GLU:O	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:3:GLU:OE1	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:3:GLU:OE2	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:4:TYR:C	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:4:TYR:CA	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:4:TYR:CB	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:4:TYR:CD1	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:4:TYR:CD2	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:4:TYR:CE1	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:4:TYR:CE2	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:4:TYR:CG	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:4:TYR:CZ	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:4:TYR:H	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:4:TYR:HH	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:4:TYR:N	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:4:TYR:O	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:4:TYR:OH	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:47:ASP:C	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O2	2:B:47:ASP:CA	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:47:ASP:CB	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:47:ASP:CG	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:47:ASP:H	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:47:ASP:N	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:47:ASP:O	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:47:ASP:OD1	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:47:ASP:OD2	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:48:GLY:C	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:48:GLY:CA	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:48:GLY:H	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:48:GLY:N	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:48:GLY:O	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:49:GLU:C	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:49:GLU:CA	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:49:GLU:CB	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:49:GLU:CD	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:49:GLU:CG	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:49:GLU:H	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:49:GLU:N	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:49:GLU:O	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:49:GLU:OE1	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:49:GLU:OE2	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:50:THR:C	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:50:THR:CA	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:50:THR:CB	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:50:THR:CG2	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:50:THR:H	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:50:THR:HG1	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:50:THR:N	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:50:THR:O	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:50:THR:OG1	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:51:CYS:C	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:51:CYS:CA	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:51:CYS:CB	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:51:CYS:H	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:51:CYS:HG	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:51:CYS:N	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:51:CYS:O	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:51:CYS:SG	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:105:ASP:C	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:105:ASP:CA	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O2	2:B:105:ASP:CB	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:105:ASP:CG	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:105:ASP:H	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:105:ASP:N	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:105:ASP:O	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:105:ASP:OD1	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:105:ASP:OD2	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:106:SER:C	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:106:SER:CA	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:106:SER:CB	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:106:SER:H	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:106:SER:HG	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:106:SER:N	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:106:SER:O	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:106:SER:OG	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:107:GLU:C	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:107:GLU:CA	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:107:GLU:CB	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:107:GLU:CD	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:107:GLU:CG	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:107:GLU:H	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:107:GLU:N	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:107:GLU:O	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:107:GLU:OE1	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:107:GLU:OE2	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:132:ASP:C	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:132:ASP:CA	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:132:ASP:CB	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:132:ASP:CG	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:132:ASP:H	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:132:ASP:N	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:132:ASP:O	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:132:ASP:OD1	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:132:ASP:OD2	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:133:LEU:C	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:133:LEU:CA	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:133:LEU:CB	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:133:LEU:CD1	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:133:LEU:CD2	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:133:LEU:CG	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:133:LEU:H	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:133:LEU:N	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O2	2:B:133:LEU:O	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:134:ALA:C	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:134:ALA:CA	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:134:ALA:CB	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:134:ALA:H	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:134:ALA:N	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:134:ALA:O	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:137:TYR:C	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:137:TYR:CA	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:137:TYR:CB	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:137:TYR:CD1	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:137:TYR:CD2	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:137:TYR:CE1	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:137:TYR:CE2	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:137:TYR:CG	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:137:TYR:CZ	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:137:TYR:H	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:137:TYR:HH	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:137:TYR:N	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:137:TYR:O	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:137:TYR:OH	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:138:GLY:C	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:138:GLY:CA	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:138:GLY:H	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:138:GLY:N	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:138:GLY:O	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:139:ILE:C	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:139:ILE:CA	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:139:ILE:CB	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:139:ILE:CD1	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:139:ILE:CG1	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:139:ILE:CG2	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:139:ILE:H	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:139:ILE:N	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:139:ILE:O	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:140:PRO:C	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:140:PRO:CA	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:140:PRO:CB	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:140:PRO:CD	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:140:PRO:CG	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:140:PRO:N	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:140:PRO:O	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O2	2:B:141:PHE:C	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:141:PHE:CA	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:141:PHE:CB	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:141:PHE:CD1	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:141:PHE:CD2	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:141:PHE:CE1	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:141:PHE:CE2	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:141:PHE:CG	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:141:PHE:CZ	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:141:PHE:H	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:141:PHE:N	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:141:PHE:O	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:142:ILE:C	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:142:ILE:CA	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:142:ILE:CB	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:142:ILE:CD1	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:142:ILE:CG1	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:142:ILE:CG2	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:142:ILE:H	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:142:ILE:N	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:142:ILE:O	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:143:GLU:C	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:143:GLU:CA	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:143:GLU:CB	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:143:GLU:CD	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:143:GLU:CG	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:143:GLU:H	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:143:GLU:N	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:143:GLU:O	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:143:GLU:OE1	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:143:GLU:OE2	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:158:THR:C	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:158:THR:CA	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:158:THR:CB	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:158:THR:CG2	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:158:THR:H	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:158:THR:HG1	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:158:THR:N	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:158:THR:O	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:158:THR:OG1	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:159:LEU:C	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:159:LEU:CA	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O2	2:B:159:LEU:CB	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:159:LEU:CD1	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:159:LEU:CD2	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:159:LEU:CG	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:159:LEU:H	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:159:LEU:N	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:159:LEU:O	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:160:VAL:C	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:160:VAL:CA	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:160:VAL:CB	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:160:VAL:CG1	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:160:VAL:CG2	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:160:VAL:H	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:160:VAL:N	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:160:VAL:O	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:170:MET:C	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:170:MET:CA	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:170:MET:CB	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:170:MET:CE	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:170:MET:CG	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:170:MET:H	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:170:MET:N	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:170:MET:O	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:170:MET:SD	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:171:SER:C	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:171:SER:CA	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:171:SER:CB	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:171:SER:H	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:171:SER:HG	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:171:SER:N	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:171:SER:O	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:171:SER:OG	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:172:LYS:C	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:172:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:172:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:172:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:172:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:172:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:172:LYS:H	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:172:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:172:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:172:LYS:HZ3	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O2	2:B:172:LYS:N	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:172:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:172:LYS:O	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:173:ASP:C	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:173:ASP:CA	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:173:ASP:CB	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:173:ASP:CG	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:173:ASP:H	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:173:ASP:N	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:173:ASP:O	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:173:ASP:OD1	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:173:ASP:OD2	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:174:GLY:C	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:174:GLY:CA	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:174:GLY:H	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:174:GLY:N	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:174:GLY:O	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:175:LYS:C	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:175:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:175:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:175:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:175:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:175:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:175:LYS:H	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:175:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:175:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:175:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:175:LYS:N	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:175:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:175:LYS:O	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:176:LYS:C	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:176:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:176:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:176:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:176:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:176:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:176:LYS:H	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:176:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:176:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:176:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:176:LYS:N	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:176:LYS:NZ	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O2	2:B:176:LYS:O	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:177:LYS:C	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:177:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:177:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:177:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:177:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:177:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:177:LYS:H	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:177:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:177:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:177:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:177:LYS:N	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:177:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:177:LYS:O	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:178:LYS:C	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:178:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:178:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:178:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:178:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:178:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:178:LYS:H	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:178:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:178:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:178:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:178:LYS:N	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:178:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:178:LYS:O	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:184:LYS:C	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:184:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:184:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:184:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:184:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:184:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:184:LYS:H	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:184:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:184:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:184:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:184:LYS:N	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:184:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:184:LYS:O	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:185:CYS:C	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:185:CYS:CA	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O2	2:B:185:CYS:CB	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:185:CYS:H	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:185:CYS:HG	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:185:CYS:N	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:185:CYS:O	1	4.68
(1,8)	3:A:8:PCW:O2	2:B:185:CYS:SG	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:1:MET:C	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:1:MET:CA	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:1:MET:CB	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:1:MET:CE	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:1:MET:CG	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:1:MET:H	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:1:MET:N	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:1:MET:O	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:1:MET:SD	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:2:THR:C	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:2:THR:CA	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:2:THR:CB	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:2:THR:CG2	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:2:THR:H	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:2:THR:HG1	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:2:THR:N	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:2:THR:O	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:2:THR:OG1	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:3:GLU:C	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:3:GLU:CA	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:3:GLU:CB	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:3:GLU:CD	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:3:GLU:CG	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:3:GLU:H	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:3:GLU:N	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:3:GLU:O	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:3:GLU:OE1	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:3:GLU:OE2	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:4:TYR:C	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:4:TYR:CA	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:4:TYR:CB	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:4:TYR:CD1	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:4:TYR:CD2	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:4:TYR:CE1	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:4:TYR:CE2	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:4:TYR:CG	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O3	2:B:4:TYR:CZ	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:4:TYR:H	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:4:TYR:HH	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:4:TYR:N	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:4:TYR:O	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:4:TYR:OH	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:47:ASP:C	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:47:ASP:CA	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:47:ASP:CB	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:47:ASP:CG	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:47:ASP:H	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:47:ASP:N	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:47:ASP:O	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:47:ASP:OD1	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:47:ASP:OD2	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:48:GLY:C	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:48:GLY:CA	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:48:GLY:H	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:48:GLY:N	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:48:GLY:O	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:49:GLU:C	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:49:GLU:CA	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:49:GLU:CB	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:49:GLU:CD	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:49:GLU:CG	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:49:GLU:H	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:49:GLU:N	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:49:GLU:O	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:49:GLU:OE1	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:49:GLU:OE2	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:50:THR:C	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:50:THR:CA	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:50:THR:CB	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:50:THR:CG2	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:50:THR:H	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:50:THR:HG1	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:50:THR:N	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:50:THR:O	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:50:THR:OG1	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:51:CYS:C	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:51:CYS:CA	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:51:CYS:CB	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O3	2:B:51:CYS:H	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:51:CYS:HG	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:51:CYS:N	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:51:CYS:O	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:51:CYS:SG	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:105:ASP:C	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:105:ASP:CA	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:105:ASP:CB	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:105:ASP:CG	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:105:ASP:H	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:105:ASP:N	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:105:ASP:O	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:105:ASP:OD1	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:105:ASP:OD2	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:106:SER:C	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:106:SER:CA	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:106:SER:CB	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:106:SER:H	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:106:SER:HG	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:106:SER:N	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:106:SER:O	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:106:SER:OG	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:107:GLU:C	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:107:GLU:CA	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:107:GLU:CB	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:107:GLU:CD	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:107:GLU:CG	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:107:GLU:H	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:107:GLU:N	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:107:GLU:O	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:107:GLU:OE1	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:107:GLU:OE2	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:132:ASP:C	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:132:ASP:CA	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:132:ASP:CB	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:132:ASP:CG	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:132:ASP:H	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:132:ASP:N	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:132:ASP:O	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:132:ASP:OD1	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:132:ASP:OD2	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:133:LEU:C	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O3	2:B:133:LEU:CA	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:133:LEU:CB	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:133:LEU:CD1	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:133:LEU:CD2	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:133:LEU:CG	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:133:LEU:H	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:133:LEU:N	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:133:LEU:O	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:134:ALA:C	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:134:ALA:CA	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:134:ALA:CB	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:134:ALA:H	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:134:ALA:N	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:134:ALA:O	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:137:TYR:C	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:137:TYR:CA	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:137:TYR:CB	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:137:TYR:CD1	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:137:TYR:CD2	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:137:TYR:CE1	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:137:TYR:CE2	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:137:TYR:CG	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:137:TYR:CZ	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:137:TYR:H	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:137:TYR:HH	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:137:TYR:N	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:137:TYR:O	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:137:TYR:OH	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:138:GLY:C	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:138:GLY:CA	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:138:GLY:H	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:138:GLY:N	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:138:GLY:O	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:139:ILE:C	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:139:ILE:CA	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:139:ILE:CB	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:139:ILE:CD1	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:139:ILE:CG1	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:139:ILE:CG2	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:139:ILE:H	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:139:ILE:N	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:139:ILE:O	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O3	2:B:140:PRO:C	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:140:PRO:CA	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:140:PRO:CB	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:140:PRO:CD	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:140:PRO:CG	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:140:PRO:N	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:140:PRO:O	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:141:PHE:C	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:141:PHE:CA	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:141:PHE:CB	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:141:PHE:CD1	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:141:PHE:CD2	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:141:PHE:CE1	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:141:PHE:CE2	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:141:PHE:CG	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:141:PHE:CZ	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:141:PHE:H	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:141:PHE:N	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:141:PHE:O	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:142:ILE:C	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:142:ILE:CA	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:142:ILE:CB	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:142:ILE:CD1	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:142:ILE:CG1	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:142:ILE:CG2	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:142:ILE:H	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:142:ILE:N	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:142:ILE:O	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:143:GLU:C	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:143:GLU:CA	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:143:GLU:CB	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:143:GLU:CD	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:143:GLU:CG	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:143:GLU:H	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:143:GLU:N	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:143:GLU:O	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:143:GLU:OE1	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:143:GLU:OE2	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:158:THR:C	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:158:THR:CA	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:158:THR:CB	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:158:THR:CG2	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O3	2:B:158:THR:H	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:158:THR:HG1	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:158:THR:N	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:158:THR:O	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:158:THR:OG1	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:159:LEU:C	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:159:LEU:CA	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:159:LEU:CB	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:159:LEU:CD1	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:159:LEU:CD2	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:159:LEU:CG	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:159:LEU:H	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:159:LEU:N	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:159:LEU:O	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:160:VAL:C	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:160:VAL:CA	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:160:VAL:CB	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:160:VAL:CG1	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:160:VAL:CG2	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:160:VAL:H	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:160:VAL:N	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:160:VAL:O	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:170:MET:C	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:170:MET:CA	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:170:MET:CB	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:170:MET:CE	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:170:MET:CG	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:170:MET:H	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:170:MET:N	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:170:MET:O	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:170:MET:SD	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:171:SER:C	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:171:SER:CA	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:171:SER:CB	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:171:SER:H	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:171:SER:HG	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:171:SER:N	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:171:SER:O	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:171:SER:OG	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:172:LYS:C	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:172:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:172:LYS:CB	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O3	2:B:172:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:172:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:172:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:172:LYS:H	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:172:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:172:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:172:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:172:LYS:N	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:172:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:172:LYS:O	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:173:ASP:C	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:173:ASP:CA	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:173:ASP:CB	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:173:ASP:CG	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:173:ASP:H	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:173:ASP:N	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:173:ASP:O	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:173:ASP:OD1	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:173:ASP:OD2	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:174:GLY:C	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:174:GLY:CA	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:174:GLY:H	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:174:GLY:N	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:174:GLY:O	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:175:LYS:C	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:175:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:175:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:175:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:175:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:175:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:175:LYS:H	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:175:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:175:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:175:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:175:LYS:N	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:175:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:175:LYS:O	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:176:LYS:C	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:176:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:176:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:176:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:176:LYS:CE	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O3	2:B:176:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:176:LYS:H	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:176:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:176:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:176:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:176:LYS:N	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:176:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:176:LYS:O	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:177:LYS:C	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:177:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:177:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:177:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:177:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:177:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:177:LYS:H	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:177:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:177:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:177:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:177:LYS:N	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:177:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:177:LYS:O	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:178:LYS:C	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:178:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:178:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:178:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:178:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:178:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:178:LYS:H	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:178:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:178:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:178:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:178:LYS:N	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:178:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:178:LYS:O	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:184:LYS:C	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:184:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:184:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:184:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:184:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:184:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:184:LYS:H	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:184:LYS:HZ1	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O3	2:B:184:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:184:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:184:LYS:N	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:184:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:184:LYS:O	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:185:CYS:C	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:185:CYS:CA	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:185:CYS:CB	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:185:CYS:H	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:185:CYS:HG	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:185:CYS:N	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:185:CYS:O	1	4.68
(1,8)	3:A:8:PCW:O3	2:B:185:CYS:SG	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:1:MET:C	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:1:MET:CA	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:1:MET:CB	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:1:MET:CE	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:1:MET:CG	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:1:MET:H	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:1:MET:N	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:1:MET:O	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:1:MET:SD	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:2:THR:C	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:2:THR:CA	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:2:THR:CB	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:2:THR:CG2	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:2:THR:H	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:2:THR:HG1	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:2:THR:N	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:2:THR:O	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:2:THR:OG1	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:3:GLU:C	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:3:GLU:CA	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:3:GLU:CB	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:3:GLU:CD	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:3:GLU:CG	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:3:GLU:H	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:3:GLU:N	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:3:GLU:O	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:3:GLU:OE1	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:3:GLU:OE2	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:4:TYR:C	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O31	2:B:4:TYR:CA	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:4:TYR:CB	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:4:TYR:CD1	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:4:TYR:CD2	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:4:TYR:CE1	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:4:TYR:CE2	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:4:TYR:CG	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:4:TYR:CZ	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:4:TYR:H	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:4:TYR:HH	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:4:TYR:N	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:4:TYR:O	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:4:TYR:OH	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:47:ASP:C	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:47:ASP:CA	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:47:ASP:CB	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:47:ASP:CG	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:47:ASP:H	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:47:ASP:N	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:47:ASP:O	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:47:ASP:OD1	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:47:ASP:OD2	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:48:GLY:C	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:48:GLY:CA	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:48:GLY:H	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:48:GLY:N	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:48:GLY:O	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:49:GLU:C	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:49:GLU:CA	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:49:GLU:CB	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:49:GLU:CD	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:49:GLU:CG	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:49:GLU:H	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:49:GLU:N	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:49:GLU:O	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:49:GLU:OE1	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:49:GLU:OE2	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:50:THR:C	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:50:THR:CA	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:50:THR:CB	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:50:THR:CG2	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:50:THR:H	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O31	2:B:50:THR:HG1	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:50:THR:N	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:50:THR:O	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:50:THR:OG1	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:51:CYS:C	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:51:CYS:CA	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:51:CYS:CB	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:51:CYS:H	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:51:CYS:HG	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:51:CYS:N	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:51:CYS:O	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:51:CYS:SG	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:105:ASP:C	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:105:ASP:CA	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:105:ASP:CB	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:105:ASP:CG	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:105:ASP:H	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:105:ASP:N	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:105:ASP:O	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:105:ASP:OD1	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:105:ASP:OD2	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:106:SER:C	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:106:SER:CA	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:106:SER:CB	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:106:SER:H	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:106:SER:HG	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:106:SER:N	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:106:SER:O	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:106:SER:OG	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:107:GLU:C	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:107:GLU:CA	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:107:GLU:CB	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:107:GLU:CD	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:107:GLU:CG	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:107:GLU:H	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:107:GLU:N	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:107:GLU:O	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:107:GLU:OE1	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:107:GLU:OE2	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:132:ASP:C	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:132:ASP:CA	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:132:ASP:CB	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O31	2:B:132:ASP:CG	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:132:ASP:H	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:132:ASP:N	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:132:ASP:O	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:132:ASP:OD1	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:132:ASP:OD2	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:133:LEU:C	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:133:LEU:CA	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:133:LEU:CB	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:133:LEU:CD1	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:133:LEU:CD2	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:133:LEU:CG	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:133:LEU:H	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:133:LEU:N	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:133:LEU:O	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:134:ALA:C	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:134:ALA:CA	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:134:ALA:CB	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:134:ALA:H	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:134:ALA:N	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:134:ALA:O	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:137:TYR:C	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:137:TYR:CA	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:137:TYR:CB	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:137:TYR:CD1	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:137:TYR:CD2	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:137:TYR:CE1	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:137:TYR:CE2	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:137:TYR:CG	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:137:TYR:CZ	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:137:TYR:H	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:137:TYR:HH	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:137:TYR:N	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:137:TYR:O	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:137:TYR:OH	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:138:GLY:C	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:138:GLY:CA	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:138:GLY:H	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:138:GLY:N	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:138:GLY:O	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:139:ILE:C	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:139:ILE:CA	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O31	2:B:139:ILE:CB	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:139:ILE:CD1	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:139:ILE:CG1	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:139:ILE:CG2	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:139:ILE:H	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:139:ILE:N	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:139:ILE:O	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:140:PRO:C	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:140:PRO:CA	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:140:PRO:CB	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:140:PRO:CD	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:140:PRO:CG	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:140:PRO:N	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:140:PRO:O	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:141:PHE:C	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:141:PHE:CA	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:141:PHE:CB	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:141:PHE:CD1	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:141:PHE:CD2	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:141:PHE:CE1	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:141:PHE:CE2	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:141:PHE:CG	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:141:PHE:CZ	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:141:PHE:H	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:141:PHE:N	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:141:PHE:O	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:142:ILE:C	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:142:ILE:CA	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:142:ILE:CB	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:142:ILE:CD1	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:142:ILE:CG1	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:142:ILE:CG2	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:142:ILE:H	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:142:ILE:N	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:142:ILE:O	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:143:GLU:C	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:143:GLU:CA	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:143:GLU:CB	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:143:GLU:CD	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:143:GLU:CG	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:143:GLU:H	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:143:GLU:N	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O31	2:B:143:GLU:O	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:143:GLU:OE1	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:143:GLU:OE2	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:158:THR:C	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:158:THR:CA	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:158:THR:CB	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:158:THR:CG2	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:158:THR:H	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:158:THR:HG1	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:158:THR:N	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:158:THR:O	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:158:THR:OG1	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:159:LEU:C	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:159:LEU:CA	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:159:LEU:CB	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:159:LEU:CD1	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:159:LEU:CD2	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:159:LEU:CG	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:159:LEU:H	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:159:LEU:N	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:159:LEU:O	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:160:VAL:C	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:160:VAL:CA	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:160:VAL:CB	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:160:VAL:CG1	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:160:VAL:CG2	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:160:VAL:H	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:160:VAL:N	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:160:VAL:O	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:170:MET:C	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:170:MET:CA	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:170:MET:CB	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:170:MET:CE	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:170:MET:CG	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:170:MET:H	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:170:MET:N	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:170:MET:O	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:170:MET:SD	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:171:SER:C	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:171:SER:CA	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:171:SER:CB	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:171:SER:H	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O31	2:B:171:SER:HG	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:171:SER:N	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:171:SER:O	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:171:SER:OG	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:172:LYS:C	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:172:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:172:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:172:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:172:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:172:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:172:LYS:H	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:172:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:172:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:172:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:172:LYS:N	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:172:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:172:LYS:O	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:173:ASP:C	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:173:ASP:CA	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:173:ASP:CB	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:173:ASP:CG	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:173:ASP:H	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:173:ASP:N	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:173:ASP:O	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:173:ASP:OD1	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:173:ASP:OD2	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:174:GLY:C	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:174:GLY:CA	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:174:GLY:H	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:174:GLY:N	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:174:GLY:O	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:175:LYS:C	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:175:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:175:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:175:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:175:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:175:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:175:LYS:H	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:175:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:175:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:175:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:175:LYS:N	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O31	2:B:175:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:175:LYS:O	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:176:LYS:C	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:176:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:176:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:176:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:176:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:176:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:176:LYS:H	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:176:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:176:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:176:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:176:LYS:N	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:176:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:176:LYS:O	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:177:LYS:C	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:177:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:177:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:177:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:177:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:177:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:177:LYS:H	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:177:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:177:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:177:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:177:LYS:N	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:177:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:177:LYS:O	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:178:LYS:C	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:178:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:178:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:178:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:178:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:178:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:178:LYS:H	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:178:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:178:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:178:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:178:LYS:N	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:178:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:178:LYS:O	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:184:LYS:C	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:O31	2:B:184:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:184:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:184:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:184:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:184:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:184:LYS:H	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:184:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:184:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:184:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:184:LYS:N	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:184:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:184:LYS:O	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:185:CYS:C	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:185:CYS:CA	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:185:CYS:CB	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:185:CYS:H	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:185:CYS:HG	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:185:CYS:N	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:185:CYS:O	1	4.68
(1,8)	3:A:8:PCW:O31	2:B:185:CYS:SG	1	4.68
(1,8)	3:A:8:PCW:P	2:B:1:MET:C	1	4.68
(1,8)	3:A:8:PCW:P	2:B:1:MET:CA	1	4.68
(1,8)	3:A:8:PCW:P	2:B:1:MET:CB	1	4.68
(1,8)	3:A:8:PCW:P	2:B:1:MET:CE	1	4.68
(1,8)	3:A:8:PCW:P	2:B:1:MET:CG	1	4.68
(1,8)	3:A:8:PCW:P	2:B:1:MET:H	1	4.68
(1,8)	3:A:8:PCW:P	2:B:1:MET:N	1	4.68
(1,8)	3:A:8:PCW:P	2:B:1:MET:O	1	4.68
(1,8)	3:A:8:PCW:P	2:B:1:MET:SD	1	4.68
(1,8)	3:A:8:PCW:P	2:B:2:THR:C	1	4.68
(1,8)	3:A:8:PCW:P	2:B:2:THR:CA	1	4.68
(1,8)	3:A:8:PCW:P	2:B:2:THR:CB	1	4.68
(1,8)	3:A:8:PCW:P	2:B:2:THR:CG2	1	4.68
(1,8)	3:A:8:PCW:P	2:B:2:THR:H	1	4.68
(1,8)	3:A:8:PCW:P	2:B:2:THR:HG1	1	4.68
(1,8)	3:A:8:PCW:P	2:B:2:THR:N	1	4.68
(1,8)	3:A:8:PCW:P	2:B:2:THR:O	1	4.68
(1,8)	3:A:8:PCW:P	2:B:2:THR:OG1	1	4.68
(1,8)	3:A:8:PCW:P	2:B:3:GLU:C	1	4.68
(1,8)	3:A:8:PCW:P	2:B:3:GLU:CA	1	4.68
(1,8)	3:A:8:PCW:P	2:B:3:GLU:CB	1	4.68
(1,8)	3:A:8:PCW:P	2:B:3:GLU:CD	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:P	2:B:3:GLU:CG	1	4.68
(1,8)	3:A:8:PCW:P	2:B:3:GLU:H	1	4.68
(1,8)	3:A:8:PCW:P	2:B:3:GLU:N	1	4.68
(1,8)	3:A:8:PCW:P	2:B:3:GLU:O	1	4.68
(1,8)	3:A:8:PCW:P	2:B:3:GLU:OE1	1	4.68
(1,8)	3:A:8:PCW:P	2:B:3:GLU:OE2	1	4.68
(1,8)	3:A:8:PCW:P	2:B:4:TYR:C	1	4.68
(1,8)	3:A:8:PCW:P	2:B:4:TYR:CA	1	4.68
(1,8)	3:A:8:PCW:P	2:B:4:TYR:CB	1	4.68
(1,8)	3:A:8:PCW:P	2:B:4:TYR:CD1	1	4.68
(1,8)	3:A:8:PCW:P	2:B:4:TYR:CD2	1	4.68
(1,8)	3:A:8:PCW:P	2:B:4:TYR:CE1	1	4.68
(1,8)	3:A:8:PCW:P	2:B:4:TYR:CE2	1	4.68
(1,8)	3:A:8:PCW:P	2:B:4:TYR:CG	1	4.68
(1,8)	3:A:8:PCW:P	2:B:4:TYR:CZ	1	4.68
(1,8)	3:A:8:PCW:P	2:B:4:TYR:H	1	4.68
(1,8)	3:A:8:PCW:P	2:B:4:TYR:HH	1	4.68
(1,8)	3:A:8:PCW:P	2:B:4:TYR:N	1	4.68
(1,8)	3:A:8:PCW:P	2:B:4:TYR:O	1	4.68
(1,8)	3:A:8:PCW:P	2:B:4:TYR:OH	1	4.68
(1,8)	3:A:8:PCW:P	2:B:47:ASP:C	1	4.68
(1,8)	3:A:8:PCW:P	2:B:47:ASP:CA	1	4.68
(1,8)	3:A:8:PCW:P	2:B:47:ASP:CB	1	4.68
(1,8)	3:A:8:PCW:P	2:B:47:ASP:CG	1	4.68
(1,8)	3:A:8:PCW:P	2:B:47:ASP:H	1	4.68
(1,8)	3:A:8:PCW:P	2:B:47:ASP:N	1	4.68
(1,8)	3:A:8:PCW:P	2:B:47:ASP:O	1	4.68
(1,8)	3:A:8:PCW:P	2:B:47:ASP:OD1	1	4.68
(1,8)	3:A:8:PCW:P	2:B:47:ASP:OD2	1	4.68
(1,8)	3:A:8:PCW:P	2:B:48:GLY:C	1	4.68
(1,8)	3:A:8:PCW:P	2:B:48:GLY:CA	1	4.68
(1,8)	3:A:8:PCW:P	2:B:48:GLY:H	1	4.68
(1,8)	3:A:8:PCW:P	2:B:48:GLY:N	1	4.68
(1,8)	3:A:8:PCW:P	2:B:48:GLY:O	1	4.68
(1,8)	3:A:8:PCW:P	2:B:49:GLU:C	1	4.68
(1,8)	3:A:8:PCW:P	2:B:49:GLU:CA	1	4.68
(1,8)	3:A:8:PCW:P	2:B:49:GLU:CB	1	4.68
(1,8)	3:A:8:PCW:P	2:B:49:GLU:CD	1	4.68
(1,8)	3:A:8:PCW:P	2:B:49:GLU:CG	1	4.68
(1,8)	3:A:8:PCW:P	2:B:49:GLU:H	1	4.68
(1,8)	3:A:8:PCW:P	2:B:49:GLU:N	1	4.68
(1,8)	3:A:8:PCW:P	2:B:49:GLU:O	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:P	2:B:49:GLU:OE1	1	4.68
(1,8)	3:A:8:PCW:P	2:B:49:GLU:OE2	1	4.68
(1,8)	3:A:8:PCW:P	2:B:50:THR:C	1	4.68
(1,8)	3:A:8:PCW:P	2:B:50:THR:CA	1	4.68
(1,8)	3:A:8:PCW:P	2:B:50:THR:CB	1	4.68
(1,8)	3:A:8:PCW:P	2:B:50:THR:CG2	1	4.68
(1,8)	3:A:8:PCW:P	2:B:50:THR:H	1	4.68
(1,8)	3:A:8:PCW:P	2:B:50:THR:HG1	1	4.68
(1,8)	3:A:8:PCW:P	2:B:50:THR:N	1	4.68
(1,8)	3:A:8:PCW:P	2:B:50:THR:O	1	4.68
(1,8)	3:A:8:PCW:P	2:B:50:THR:OG1	1	4.68
(1,8)	3:A:8:PCW:P	2:B:51:CYS:C	1	4.68
(1,8)	3:A:8:PCW:P	2:B:51:CYS:CA	1	4.68
(1,8)	3:A:8:PCW:P	2:B:51:CYS:CB	1	4.68
(1,8)	3:A:8:PCW:P	2:B:51:CYS:H	1	4.68
(1,8)	3:A:8:PCW:P	2:B:51:CYS:HG	1	4.68
(1,8)	3:A:8:PCW:P	2:B:51:CYS:N	1	4.68
(1,8)	3:A:8:PCW:P	2:B:51:CYS:O	1	4.68
(1,8)	3:A:8:PCW:P	2:B:51:CYS:SG	1	4.68
(1,8)	3:A:8:PCW:P	2:B:105:ASP:C	1	4.68
(1,8)	3:A:8:PCW:P	2:B:105:ASP:CA	1	4.68
(1,8)	3:A:8:PCW:P	2:B:105:ASP:CB	1	4.68
(1,8)	3:A:8:PCW:P	2:B:105:ASP:CG	1	4.68
(1,8)	3:A:8:PCW:P	2:B:105:ASP:H	1	4.68
(1,8)	3:A:8:PCW:P	2:B:105:ASP:N	1	4.68
(1,8)	3:A:8:PCW:P	2:B:105:ASP:O	1	4.68
(1,8)	3:A:8:PCW:P	2:B:105:ASP:OD1	1	4.68
(1,8)	3:A:8:PCW:P	2:B:105:ASP:OD2	1	4.68
(1,8)	3:A:8:PCW:P	2:B:106:SER:C	1	4.68
(1,8)	3:A:8:PCW:P	2:B:106:SER:CA	1	4.68
(1,8)	3:A:8:PCW:P	2:B:106:SER:CB	1	4.68
(1,8)	3:A:8:PCW:P	2:B:106:SER:H	1	4.68
(1,8)	3:A:8:PCW:P	2:B:106:SER:HG	1	4.68
(1,8)	3:A:8:PCW:P	2:B:106:SER:N	1	4.68
(1,8)	3:A:8:PCW:P	2:B:106:SER:O	1	4.68
(1,8)	3:A:8:PCW:P	2:B:106:SER:OG	1	4.68
(1,8)	3:A:8:PCW:P	2:B:107:GLU:C	1	4.68
(1,8)	3:A:8:PCW:P	2:B:107:GLU:CA	1	4.68
(1,8)	3:A:8:PCW:P	2:B:107:GLU:CB	1	4.68
(1,8)	3:A:8:PCW:P	2:B:107:GLU:CD	1	4.68
(1,8)	3:A:8:PCW:P	2:B:107:GLU:CG	1	4.68
(1,8)	3:A:8:PCW:P	2:B:107:GLU:H	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:P	2:B:107:GLU:N	1	4.68
(1,8)	3:A:8:PCW:P	2:B:107:GLU:O	1	4.68
(1,8)	3:A:8:PCW:P	2:B:107:GLU:OE1	1	4.68
(1,8)	3:A:8:PCW:P	2:B:107:GLU:OE2	1	4.68
(1,8)	3:A:8:PCW:P	2:B:132:ASP:C	1	4.68
(1,8)	3:A:8:PCW:P	2:B:132:ASP:CA	1	4.68
(1,8)	3:A:8:PCW:P	2:B:132:ASP:CB	1	4.68
(1,8)	3:A:8:PCW:P	2:B:132:ASP:CG	1	4.68
(1,8)	3:A:8:PCW:P	2:B:132:ASP:H	1	4.68
(1,8)	3:A:8:PCW:P	2:B:132:ASP:N	1	4.68
(1,8)	3:A:8:PCW:P	2:B:132:ASP:O	1	4.68
(1,8)	3:A:8:PCW:P	2:B:132:ASP:OD1	1	4.68
(1,8)	3:A:8:PCW:P	2:B:132:ASP:OD2	1	4.68
(1,8)	3:A:8:PCW:P	2:B:133:LEU:C	1	4.68
(1,8)	3:A:8:PCW:P	2:B:133:LEU:CA	1	4.68
(1,8)	3:A:8:PCW:P	2:B:133:LEU:CB	1	4.68
(1,8)	3:A:8:PCW:P	2:B:133:LEU:CD1	1	4.68
(1,8)	3:A:8:PCW:P	2:B:133:LEU:CD2	1	4.68
(1,8)	3:A:8:PCW:P	2:B:133:LEU:CG	1	4.68
(1,8)	3:A:8:PCW:P	2:B:133:LEU:H	1	4.68
(1,8)	3:A:8:PCW:P	2:B:133:LEU:N	1	4.68
(1,8)	3:A:8:PCW:P	2:B:133:LEU:O	1	4.68
(1,8)	3:A:8:PCW:P	2:B:134:ALA:C	1	4.68
(1,8)	3:A:8:PCW:P	2:B:134:ALA:CA	1	4.68
(1,8)	3:A:8:PCW:P	2:B:134:ALA:CB	1	4.68
(1,8)	3:A:8:PCW:P	2:B:134:ALA:H	1	4.68
(1,8)	3:A:8:PCW:P	2:B:134:ALA:N	1	4.68
(1,8)	3:A:8:PCW:P	2:B:134:ALA:O	1	4.68
(1,8)	3:A:8:PCW:P	2:B:137:TYR:C	1	4.68
(1,8)	3:A:8:PCW:P	2:B:137:TYR:CA	1	4.68
(1,8)	3:A:8:PCW:P	2:B:137:TYR:CB	1	4.68
(1,8)	3:A:8:PCW:P	2:B:137:TYR:CD1	1	4.68
(1,8)	3:A:8:PCW:P	2:B:137:TYR:CD2	1	4.68
(1,8)	3:A:8:PCW:P	2:B:137:TYR:CE1	1	4.68
(1,8)	3:A:8:PCW:P	2:B:137:TYR:CE2	1	4.68
(1,8)	3:A:8:PCW:P	2:B:137:TYR:CG	1	4.68
(1,8)	3:A:8:PCW:P	2:B:137:TYR:CZ	1	4.68
(1,8)	3:A:8:PCW:P	2:B:137:TYR:H	1	4.68
(1,8)	3:A:8:PCW:P	2:B:137:TYR:HH	1	4.68
(1,8)	3:A:8:PCW:P	2:B:137:TYR:N	1	4.68
(1,8)	3:A:8:PCW:P	2:B:137:TYR:O	1	4.68
(1,8)	3:A:8:PCW:P	2:B:137:TYR:OH	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:P	2:B:138:GLY:C	1	4.68
(1,8)	3:A:8:PCW:P	2:B:138:GLY:CA	1	4.68
(1,8)	3:A:8:PCW:P	2:B:138:GLY:H	1	4.68
(1,8)	3:A:8:PCW:P	2:B:138:GLY:N	1	4.68
(1,8)	3:A:8:PCW:P	2:B:138:GLY:O	1	4.68
(1,8)	3:A:8:PCW:P	2:B:139:ILE:C	1	4.68
(1,8)	3:A:8:PCW:P	2:B:139:ILE:CA	1	4.68
(1,8)	3:A:8:PCW:P	2:B:139:ILE:CB	1	4.68
(1,8)	3:A:8:PCW:P	2:B:139:ILE:CD1	1	4.68
(1,8)	3:A:8:PCW:P	2:B:139:ILE:CG1	1	4.68
(1,8)	3:A:8:PCW:P	2:B:139:ILE:CG2	1	4.68
(1,8)	3:A:8:PCW:P	2:B:139:ILE:H	1	4.68
(1,8)	3:A:8:PCW:P	2:B:139:ILE:N	1	4.68
(1,8)	3:A:8:PCW:P	2:B:139:ILE:O	1	4.68
(1,8)	3:A:8:PCW:P	2:B:140:PRO:C	1	4.68
(1,8)	3:A:8:PCW:P	2:B:140:PRO:CA	1	4.68
(1,8)	3:A:8:PCW:P	2:B:140:PRO:CB	1	4.68
(1,8)	3:A:8:PCW:P	2:B:140:PRO:CD	1	4.68
(1,8)	3:A:8:PCW:P	2:B:140:PRO:CG	1	4.68
(1,8)	3:A:8:PCW:P	2:B:140:PRO:N	1	4.68
(1,8)	3:A:8:PCW:P	2:B:140:PRO:O	1	4.68
(1,8)	3:A:8:PCW:P	2:B:141:PHE:C	1	4.68
(1,8)	3:A:8:PCW:P	2:B:141:PHE:CA	1	4.68
(1,8)	3:A:8:PCW:P	2:B:141:PHE:CB	1	4.68
(1,8)	3:A:8:PCW:P	2:B:141:PHE:CD1	1	4.68
(1,8)	3:A:8:PCW:P	2:B:141:PHE:CD2	1	4.68
(1,8)	3:A:8:PCW:P	2:B:141:PHE:CE1	1	4.68
(1,8)	3:A:8:PCW:P	2:B:141:PHE:CE2	1	4.68
(1,8)	3:A:8:PCW:P	2:B:141:PHE:CG	1	4.68
(1,8)	3:A:8:PCW:P	2:B:141:PHE:CZ	1	4.68
(1,8)	3:A:8:PCW:P	2:B:141:PHE:H	1	4.68
(1,8)	3:A:8:PCW:P	2:B:141:PHE:N	1	4.68
(1,8)	3:A:8:PCW:P	2:B:141:PHE:O	1	4.68
(1,8)	3:A:8:PCW:P	2:B:142:ILE:C	1	4.68
(1,8)	3:A:8:PCW:P	2:B:142:ILE:CA	1	4.68
(1,8)	3:A:8:PCW:P	2:B:142:ILE:CB	1	4.68
(1,8)	3:A:8:PCW:P	2:B:142:ILE:CD1	1	4.68
(1,8)	3:A:8:PCW:P	2:B:142:ILE:CG1	1	4.68
(1,8)	3:A:8:PCW:P	2:B:142:ILE:CG2	1	4.68
(1,8)	3:A:8:PCW:P	2:B:142:ILE:H	1	4.68
(1,8)	3:A:8:PCW:P	2:B:142:ILE:N	1	4.68
(1,8)	3:A:8:PCW:P	2:B:142:ILE:O	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:P	2:B:143:GLU:C	1	4.68
(1,8)	3:A:8:PCW:P	2:B:143:GLU:CA	1	4.68
(1,8)	3:A:8:PCW:P	2:B:143:GLU:CB	1	4.68
(1,8)	3:A:8:PCW:P	2:B:143:GLU:CD	1	4.68
(1,8)	3:A:8:PCW:P	2:B:143:GLU:CG	1	4.68
(1,8)	3:A:8:PCW:P	2:B:143:GLU:H	1	4.68
(1,8)	3:A:8:PCW:P	2:B:143:GLU:N	1	4.68
(1,8)	3:A:8:PCW:P	2:B:143:GLU:O	1	4.68
(1,8)	3:A:8:PCW:P	2:B:143:GLU:OE1	1	4.68
(1,8)	3:A:8:PCW:P	2:B:143:GLU:OE2	1	4.68
(1,8)	3:A:8:PCW:P	2:B:158:THR:C	1	4.68
(1,8)	3:A:8:PCW:P	2:B:158:THR:CA	1	4.68
(1,8)	3:A:8:PCW:P	2:B:158:THR:CB	1	4.68
(1,8)	3:A:8:PCW:P	2:B:158:THR:CG2	1	4.68
(1,8)	3:A:8:PCW:P	2:B:158:THR:H	1	4.68
(1,8)	3:A:8:PCW:P	2:B:158:THR:HG1	1	4.68
(1,8)	3:A:8:PCW:P	2:B:158:THR:N	1	4.68
(1,8)	3:A:8:PCW:P	2:B:158:THR:O	1	4.68
(1,8)	3:A:8:PCW:P	2:B:158:THR:OG1	1	4.68
(1,8)	3:A:8:PCW:P	2:B:159:LEU:C	1	4.68
(1,8)	3:A:8:PCW:P	2:B:159:LEU:CA	1	4.68
(1,8)	3:A:8:PCW:P	2:B:159:LEU:CB	1	4.68
(1,8)	3:A:8:PCW:P	2:B:159:LEU:CD1	1	4.68
(1,8)	3:A:8:PCW:P	2:B:159:LEU:CD2	1	4.68
(1,8)	3:A:8:PCW:P	2:B:159:LEU:CG	1	4.68
(1,8)	3:A:8:PCW:P	2:B:159:LEU:H	1	4.68
(1,8)	3:A:8:PCW:P	2:B:159:LEU:N	1	4.68
(1,8)	3:A:8:PCW:P	2:B:159:LEU:O	1	4.68
(1,8)	3:A:8:PCW:P	2:B:160:VAL:C	1	4.68
(1,8)	3:A:8:PCW:P	2:B:160:VAL:CA	1	4.68
(1,8)	3:A:8:PCW:P	2:B:160:VAL:CB	1	4.68
(1,8)	3:A:8:PCW:P	2:B:160:VAL:CG1	1	4.68
(1,8)	3:A:8:PCW:P	2:B:160:VAL:CG2	1	4.68
(1,8)	3:A:8:PCW:P	2:B:160:VAL:H	1	4.68
(1,8)	3:A:8:PCW:P	2:B:160:VAL:N	1	4.68
(1,8)	3:A:8:PCW:P	2:B:160:VAL:O	1	4.68
(1,8)	3:A:8:PCW:P	2:B:170:MET:C	1	4.68
(1,8)	3:A:8:PCW:P	2:B:170:MET:CA	1	4.68
(1,8)	3:A:8:PCW:P	2:B:170:MET:CB	1	4.68
(1,8)	3:A:8:PCW:P	2:B:170:MET:CE	1	4.68
(1,8)	3:A:8:PCW:P	2:B:170:MET:CG	1	4.68
(1,8)	3:A:8:PCW:P	2:B:170:MET:H	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:P	2:B:170:MET:N	1	4.68
(1,8)	3:A:8:PCW:P	2:B:170:MET:O	1	4.68
(1,8)	3:A:8:PCW:P	2:B:170:MET:SD	1	4.68
(1,8)	3:A:8:PCW:P	2:B:171:SER:C	1	4.68
(1,8)	3:A:8:PCW:P	2:B:171:SER:CA	1	4.68
(1,8)	3:A:8:PCW:P	2:B:171:SER:CB	1	4.68
(1,8)	3:A:8:PCW:P	2:B:171:SER:H	1	4.68
(1,8)	3:A:8:PCW:P	2:B:171:SER:HG	1	4.68
(1,8)	3:A:8:PCW:P	2:B:171:SER:N	1	4.68
(1,8)	3:A:8:PCW:P	2:B:171:SER:O	1	4.68
(1,8)	3:A:8:PCW:P	2:B:171:SER:OG	1	4.68
(1,8)	3:A:8:PCW:P	2:B:172:LYS:C	1	4.68
(1,8)	3:A:8:PCW:P	2:B:172:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:P	2:B:172:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:P	2:B:172:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:P	2:B:172:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:P	2:B:172:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:P	2:B:172:LYS:H	1	4.68
(1,8)	3:A:8:PCW:P	2:B:172:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:P	2:B:172:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:P	2:B:172:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:P	2:B:172:LYS:N	1	4.68
(1,8)	3:A:8:PCW:P	2:B:172:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:P	2:B:172:LYS:O	1	4.68
(1,8)	3:A:8:PCW:P	2:B:173:ASP:C	1	4.68
(1,8)	3:A:8:PCW:P	2:B:173:ASP:CA	1	4.68
(1,8)	3:A:8:PCW:P	2:B:173:ASP:CB	1	4.68
(1,8)	3:A:8:PCW:P	2:B:173:ASP:CG	1	4.68
(1,8)	3:A:8:PCW:P	2:B:173:ASP:H	1	4.68
(1,8)	3:A:8:PCW:P	2:B:173:ASP:N	1	4.68
(1,8)	3:A:8:PCW:P	2:B:173:ASP:O	1	4.68
(1,8)	3:A:8:PCW:P	2:B:173:ASP:OD1	1	4.68
(1,8)	3:A:8:PCW:P	2:B:173:ASP:OD2	1	4.68
(1,8)	3:A:8:PCW:P	2:B:174:GLY:C	1	4.68
(1,8)	3:A:8:PCW:P	2:B:174:GLY:CA	1	4.68
(1,8)	3:A:8:PCW:P	2:B:174:GLY:H	1	4.68
(1,8)	3:A:8:PCW:P	2:B:174:GLY:N	1	4.68
(1,8)	3:A:8:PCW:P	2:B:174:GLY:O	1	4.68
(1,8)	3:A:8:PCW:P	2:B:175:LYS:C	1	4.68
(1,8)	3:A:8:PCW:P	2:B:175:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:P	2:B:175:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:P	2:B:175:LYS:CD	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:P	2:B:175:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:P	2:B:175:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:P	2:B:175:LYS:H	1	4.68
(1,8)	3:A:8:PCW:P	2:B:175:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:P	2:B:175:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:P	2:B:175:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:P	2:B:175:LYS:N	1	4.68
(1,8)	3:A:8:PCW:P	2:B:175:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:P	2:B:175:LYS:O	1	4.68
(1,8)	3:A:8:PCW:P	2:B:176:LYS:C	1	4.68
(1,8)	3:A:8:PCW:P	2:B:176:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:P	2:B:176:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:P	2:B:176:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:P	2:B:176:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:P	2:B:176:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:P	2:B:176:LYS:H	1	4.68
(1,8)	3:A:8:PCW:P	2:B:176:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:P	2:B:176:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:P	2:B:176:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:P	2:B:176:LYS:N	1	4.68
(1,8)	3:A:8:PCW:P	2:B:176:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:P	2:B:176:LYS:O	1	4.68
(1,8)	3:A:8:PCW:P	2:B:177:LYS:C	1	4.68
(1,8)	3:A:8:PCW:P	2:B:177:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:P	2:B:177:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:P	2:B:177:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:P	2:B:177:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:P	2:B:177:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:P	2:B:177:LYS:H	1	4.68
(1,8)	3:A:8:PCW:P	2:B:177:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:P	2:B:177:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:P	2:B:177:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:P	2:B:177:LYS:N	1	4.68
(1,8)	3:A:8:PCW:P	2:B:177:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:P	2:B:177:LYS:O	1	4.68
(1,8)	3:A:8:PCW:P	2:B:178:LYS:C	1	4.68
(1,8)	3:A:8:PCW:P	2:B:178:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:P	2:B:178:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:P	2:B:178:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:P	2:B:178:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:P	2:B:178:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:P	2:B:178:LYS:H	1	4.68

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	3:A:8:PCW:P	2:B:178:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:P	2:B:178:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:P	2:B:178:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:P	2:B:178:LYS:N	1	4.68
(1,8)	3:A:8:PCW:P	2:B:178:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:P	2:B:178:LYS:O	1	4.68
(1,8)	3:A:8:PCW:P	2:B:184:LYS:C	1	4.68
(1,8)	3:A:8:PCW:P	2:B:184:LYS:CA	1	4.68
(1,8)	3:A:8:PCW:P	2:B:184:LYS:CB	1	4.68
(1,8)	3:A:8:PCW:P	2:B:184:LYS:CD	1	4.68
(1,8)	3:A:8:PCW:P	2:B:184:LYS:CE	1	4.68
(1,8)	3:A:8:PCW:P	2:B:184:LYS:CG	1	4.68
(1,8)	3:A:8:PCW:P	2:B:184:LYS:H	1	4.68
(1,8)	3:A:8:PCW:P	2:B:184:LYS:HZ1	1	4.68
(1,8)	3:A:8:PCW:P	2:B:184:LYS:HZ2	1	4.68
(1,8)	3:A:8:PCW:P	2:B:184:LYS:HZ3	1	4.68
(1,8)	3:A:8:PCW:P	2:B:184:LYS:N	1	4.68
(1,8)	3:A:8:PCW:P	2:B:184:LYS:NZ	1	4.68
(1,8)	3:A:8:PCW:P	2:B:184:LYS:O	1	4.68
(1,8)	3:A:8:PCW:P	2:B:185:CYS:C	1	4.68
(1,8)	3:A:8:PCW:P	2:B:185:CYS:CA	1	4.68
(1,8)	3:A:8:PCW:P	2:B:185:CYS:CB	1	4.68
(1,8)	3:A:8:PCW:P	2:B:185:CYS:H	1	4.68
(1,8)	3:A:8:PCW:P	2:B:185:CYS:HG	1	4.68
(1,8)	3:A:8:PCW:P	2:B:185:CYS:N	1	4.68
(1,8)	3:A:8:PCW:P	2:B:185:CYS:O	1	4.68
(1,8)	3:A:8:PCW:P	2:B:185:CYS:SG	1	4.68
(1,3)	3:A:3:PCW:C11	2:B:1:MET:C	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:1:MET:CA	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:1:MET:CB	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:1:MET:CE	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:1:MET:CG	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:1:MET:H	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:1:MET:N	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:1:MET:O	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:1:MET:SD	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:2:THR:C	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:2:THR:CA	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:2:THR:CB	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:2:THR:CG2	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:2:THR:H	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:2:THR:HG1	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:C11	2:B:2:THR:N	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:2:THR:O	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:2:THR:OG1	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:3:GLU:C	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:3:GLU:CA	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:3:GLU:CB	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:3:GLU:CD	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:3:GLU:CG	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:3:GLU:H	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:3:GLU:N	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:3:GLU:O	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:3:GLU:OE1	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:3:GLU:OE2	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:4:TYR:C	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:4:TYR:CA	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:4:TYR:CB	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:4:TYR:CD1	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:4:TYR:CD2	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:4:TYR:CE1	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:4:TYR:CE2	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:4:TYR:CG	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:4:TYR:CZ	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:4:TYR:H	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:4:TYR:HH	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:4:TYR:N	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:4:TYR:O	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:4:TYR:OH	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:47:ASP:C	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:47:ASP:CA	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:47:ASP:CB	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:47:ASP:CG	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:47:ASP:H	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:47:ASP:N	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:47:ASP:O	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:47:ASP:OD1	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:47:ASP:OD2	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:48:GLY:C	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:48:GLY:CA	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:48:GLY:H	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:48:GLY:N	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:48:GLY:O	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:49:GLU:C	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:C11	2:B:49:GLU:CA	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:49:GLU:CB	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:49:GLU:CD	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:49:GLU:CG	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:49:GLU:H	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:49:GLU:N	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:49:GLU:O	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:49:GLU:OE1	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:49:GLU:OE2	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:50:THR:C	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:50:THR:CA	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:50:THR:CB	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:50:THR:CG2	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:50:THR:H	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:50:THR:HG1	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:50:THR:N	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:50:THR:O	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:50:THR:OG1	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:51:CYS:C	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:51:CYS:CA	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:51:CYS:CB	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:51:CYS:H	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:51:CYS:HG	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:51:CYS:N	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:51:CYS:O	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:51:CYS:SG	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:105:ASP:C	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:105:ASP:CA	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:105:ASP:CB	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:105:ASP:CG	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:105:ASP:H	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:105:ASP:N	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:105:ASP:O	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:105:ASP:OD1	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:105:ASP:OD2	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:106:SER:C	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:106:SER:CA	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:106:SER:CB	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:106:SER:H	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:106:SER:HG	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:106:SER:N	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:106:SER:O	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:C11	2:B:106:SER:OG	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:107:GLU:C	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:107:GLU:CA	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:107:GLU:CB	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:107:GLU:CD	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:107:GLU:CG	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:107:GLU:H	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:107:GLU:N	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:107:GLU:O	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:107:GLU:OE1	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:107:GLU:OE2	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:132:ASP:C	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:132:ASP:CA	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:132:ASP:CB	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:132:ASP:CG	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:132:ASP:H	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:132:ASP:N	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:132:ASP:O	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:132:ASP:OD1	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:132:ASP:OD2	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:133:LEU:C	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:133:LEU:CA	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:133:LEU:CB	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:133:LEU:CD1	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:133:LEU:CD2	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:133:LEU:CG	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:133:LEU:H	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:133:LEU:N	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:133:LEU:O	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:134:ALA:C	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:134:ALA:CA	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:134:ALA:CB	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:134:ALA:H	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:134:ALA:N	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:134:ALA:O	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:137:TYR:C	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:137:TYR:CA	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:137:TYR:CB	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:137:TYR:CD1	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:137:TYR:CD2	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:137:TYR:CE1	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:137:TYR:CE2	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:C11	2:B:137:TYR:CG	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:137:TYR:CZ	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:137:TYR:H	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:137:TYR:HH	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:137:TYR:N	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:137:TYR:O	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:137:TYR:OH	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:138:GLY:C	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:138:GLY:CA	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:138:GLY:H	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:138:GLY:N	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:138:GLY:O	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:139:ILE:C	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:139:ILE:CA	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:139:ILE:CB	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:139:ILE:CD1	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:139:ILE:CG1	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:139:ILE:CG2	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:139:ILE:H	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:139:ILE:N	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:139:ILE:O	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:140:PRO:C	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:140:PRO:CA	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:140:PRO:CB	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:140:PRO:CD	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:140:PRO:CG	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:140:PRO:N	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:140:PRO:O	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:141:PHE:C	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:141:PHE:CA	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:141:PHE:CB	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:141:PHE:CD1	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:141:PHE:CD2	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:141:PHE:CE1	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:141:PHE:CE2	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:141:PHE:CG	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:141:PHE:CZ	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:141:PHE:H	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:141:PHE:N	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:141:PHE:O	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:142:ILE:C	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:142:ILE:CA	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:C11	2:B:142:ILE:CB	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:142:ILE:CD1	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:142:ILE:CG1	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:142:ILE:CG2	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:142:ILE:H	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:142:ILE:N	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:142:ILE:O	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:143:GLU:C	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:143:GLU:CA	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:143:GLU:CB	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:143:GLU:CD	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:143:GLU:CG	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:143:GLU:H	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:143:GLU:N	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:143:GLU:O	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:143:GLU:OE1	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:143:GLU:OE2	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:158:THR:C	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:158:THR:CA	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:158:THR:CB	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:158:THR:CG2	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:158:THR:H	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:158:THR:HG1	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:158:THR:N	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:158:THR:O	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:158:THR:OG1	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:159:LEU:C	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:159:LEU:CA	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:159:LEU:CB	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:159:LEU:CD1	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:159:LEU:CD2	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:159:LEU:CG	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:159:LEU:H	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:159:LEU:N	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:159:LEU:O	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:160:VAL:C	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:160:VAL:CA	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:160:VAL:CB	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:160:VAL:CG1	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:160:VAL:CG2	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:160:VAL:H	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:160:VAL:N	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:C11	2:B:160:VAL:O	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:170:MET:C	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:170:MET:CA	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:170:MET:CB	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:170:MET:CE	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:170:MET:CG	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:170:MET:H	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:170:MET:N	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:170:MET:O	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:170:MET:SD	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:171:SER:C	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:171:SER:CA	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:171:SER:CB	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:171:SER:H	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:171:SER:HG	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:171:SER:N	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:171:SER:O	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:171:SER:OG	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:172:LYS:C	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:172:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:172:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:172:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:172:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:172:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:172:LYS:H	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:172:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:172:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:172:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:172:LYS:N	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:172:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:172:LYS:O	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:173:ASP:C	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:173:ASP:CA	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:173:ASP:CB	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:173:ASP:CG	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:173:ASP:H	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:173:ASP:N	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:173:ASP:O	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:173:ASP:OD1	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:173:ASP:OD2	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:174:GLY:C	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:174:GLY:CA	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:C11	2:B:174:GLY:H	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:174:GLY:N	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:174:GLY:O	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:175:LYS:C	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:175:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:175:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:175:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:175:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:175:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:175:LYS:H	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:175:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:175:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:175:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:175:LYS:N	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:175:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:175:LYS:O	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:176:LYS:C	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:176:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:176:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:176:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:176:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:176:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:176:LYS:H	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:176:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:176:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:176:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:176:LYS:N	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:176:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:176:LYS:O	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:177:LYS:C	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:177:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:177:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:177:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:177:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:177:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:177:LYS:H	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:177:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:177:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:177:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:177:LYS:N	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:177:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:177:LYS:O	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:C11	2:B:178:LYS:C	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:178:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:178:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:178:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:178:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:178:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:178:LYS:H	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:178:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:178:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:178:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:178:LYS:N	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:178:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:178:LYS:O	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:184:LYS:C	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:184:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:184:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:184:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:184:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:184:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:184:LYS:H	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:184:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:184:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:184:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:184:LYS:N	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:184:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:184:LYS:O	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:185:CYS:C	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:185:CYS:CA	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:185:CYS:CB	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:185:CYS:H	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:185:CYS:HG	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:185:CYS:N	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:185:CYS:O	6	4.65
(1,3)	3:A:3:PCW:C11	2:B:185:CYS:SG	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:1:MET:C	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:1:MET:CA	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:1:MET:CB	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:1:MET:CE	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:1:MET:CG	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:1:MET:H	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:1:MET:N	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:1:MET:O	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:C12	2:B:1:MET:SD	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:2:THR:C	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:2:THR:CA	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:2:THR:CB	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:2:THR:CG2	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:2:THR:H	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:2:THR:HG1	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:2:THR:N	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:2:THR:O	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:2:THR:OG1	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:3:GLU:C	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:3:GLU:CA	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:3:GLU:CB	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:3:GLU:CD	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:3:GLU:CG	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:3:GLU:H	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:3:GLU:N	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:3:GLU:O	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:3:GLU:OE1	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:3:GLU:OE2	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:4:TYR:C	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:4:TYR:CA	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:4:TYR:CB	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:4:TYR:CD1	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:4:TYR:CD2	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:4:TYR:CE1	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:4:TYR:CE2	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:4:TYR:CG	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:4:TYR:CZ	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:4:TYR:H	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:4:TYR:HH	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:4:TYR:N	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:4:TYR:O	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:4:TYR:OH	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:47:ASP:C	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:47:ASP:CA	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:47:ASP:CB	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:47:ASP:CG	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:47:ASP:H	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:47:ASP:N	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:47:ASP:O	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:47:ASP:OD1	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:C12	2:B:47:ASP:OD2	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:48:GLY:C	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:48:GLY:CA	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:48:GLY:H	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:48:GLY:N	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:48:GLY:O	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:49:GLU:C	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:49:GLU:CA	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:49:GLU:CB	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:49:GLU:CD	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:49:GLU:CG	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:49:GLU:H	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:49:GLU:N	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:49:GLU:O	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:49:GLU:OE1	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:49:GLU:OE2	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:50:THR:C	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:50:THR:CA	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:50:THR:CB	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:50:THR:CG2	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:50:THR:H	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:50:THR:HG1	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:50:THR:N	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:50:THR:O	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:50:THR:OG1	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:51:CYS:C	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:51:CYS:CA	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:51:CYS:CB	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:51:CYS:H	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:51:CYS:HG	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:51:CYS:N	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:51:CYS:O	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:51:CYS:SG	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:105:ASP:C	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:105:ASP:CA	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:105:ASP:CB	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:105:ASP:CG	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:105:ASP:H	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:105:ASP:N	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:105:ASP:O	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:105:ASP:OD1	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:105:ASP:OD2	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:C12	2:B:106:SER:C	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:106:SER:CA	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:106:SER:CB	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:106:SER:H	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:106:SER:HG	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:106:SER:N	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:106:SER:O	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:106:SER:OG	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:107:GLU:C	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:107:GLU:CA	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:107:GLU:CB	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:107:GLU:CD	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:107:GLU:CG	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:107:GLU:H	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:107:GLU:N	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:107:GLU:O	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:107:GLU:OE1	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:107:GLU:OE2	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:132:ASP:C	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:132:ASP:CA	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:132:ASP:CB	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:132:ASP:CG	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:132:ASP:H	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:132:ASP:N	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:132:ASP:O	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:132:ASP:OD1	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:132:ASP:OD2	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:133:LEU:C	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:133:LEU:CA	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:133:LEU:CB	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:133:LEU:CD1	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:133:LEU:CD2	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:133:LEU:CG	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:133:LEU:H	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:133:LEU:N	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:133:LEU:O	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:134:ALA:C	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:134:ALA:CA	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:134:ALA:CB	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:134:ALA:H	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:134:ALA:N	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:134:ALA:O	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:C12	2:B:137:TYR:C	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:137:TYR:CA	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:137:TYR:CB	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:137:TYR:CD1	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:137:TYR:CD2	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:137:TYR:CE1	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:137:TYR:CE2	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:137:TYR:CG	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:137:TYR:CZ	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:137:TYR:H	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:137:TYR:HH	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:137:TYR:N	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:137:TYR:O	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:137:TYR:OH	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:138:GLY:C	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:138:GLY:CA	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:138:GLY:H	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:138:GLY:N	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:138:GLY:O	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:139:ILE:C	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:139:ILE:CA	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:139:ILE:CB	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:139:ILE:CD1	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:139:ILE:CG1	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:139:ILE:CG2	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:139:ILE:H	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:139:ILE:N	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:139:ILE:O	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:140:PRO:C	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:140:PRO:CA	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:140:PRO:CB	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:140:PRO:CD	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:140:PRO:CG	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:140:PRO:N	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:140:PRO:O	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:141:PHE:C	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:141:PHE:CA	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:141:PHE:CB	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:141:PHE:CD1	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:141:PHE:CD2	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:141:PHE:CE1	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:141:PHE:CE2	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:C12	2:B:141:PHE:CG	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:141:PHE:CZ	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:141:PHE:H	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:141:PHE:N	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:141:PHE:O	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:142:ILE:C	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:142:ILE:CA	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:142:ILE:CB	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:142:ILE:CD1	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:142:ILE:CG1	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:142:ILE:CG2	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:142:ILE:H	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:142:ILE:N	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:142:ILE:O	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:143:GLU:C	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:143:GLU:CA	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:143:GLU:CB	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:143:GLU:CD	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:143:GLU:CG	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:143:GLU:H	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:143:GLU:N	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:143:GLU:O	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:143:GLU:OE1	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:143:GLU:OE2	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:158:THR:C	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:158:THR:CA	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:158:THR:CB	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:158:THR:CG2	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:158:THR:H	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:158:THR:HG1	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:158:THR:N	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:158:THR:O	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:158:THR:OG1	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:159:LEU:C	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:159:LEU:CA	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:159:LEU:CB	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:159:LEU:CD1	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:159:LEU:CD2	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:159:LEU:CG	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:159:LEU:H	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:159:LEU:N	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:159:LEU:O	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:C12	2:B:160:VAL:C	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:160:VAL:CA	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:160:VAL:CB	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:160:VAL:CG1	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:160:VAL:CG2	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:160:VAL:H	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:160:VAL:N	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:160:VAL:O	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:170:MET:C	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:170:MET:CA	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:170:MET:CB	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:170:MET:CE	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:170:MET:CG	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:170:MET:H	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:170:MET:N	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:170:MET:O	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:170:MET:SD	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:171:SER:C	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:171:SER:CA	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:171:SER:CB	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:171:SER:H	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:171:SER:HG	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:171:SER:N	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:171:SER:O	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:171:SER:OG	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:172:LYS:C	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:172:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:172:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:172:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:172:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:172:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:172:LYS:H	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:172:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:172:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:172:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:172:LYS:N	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:172:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:172:LYS:O	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:173:ASP:C	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:173:ASP:CA	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:173:ASP:CB	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:173:ASP:CG	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:C12	2:B:173:ASP:H	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:173:ASP:N	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:173:ASP:O	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:173:ASP:OD1	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:173:ASP:OD2	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:174:GLY:C	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:174:GLY:CA	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:174:GLY:H	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:174:GLY:N	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:174:GLY:O	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:175:LYS:C	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:175:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:175:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:175:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:175:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:175:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:175:LYS:H	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:175:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:175:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:175:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:175:LYS:N	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:175:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:175:LYS:O	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:176:LYS:C	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:176:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:176:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:176:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:176:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:176:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:176:LYS:H	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:176:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:176:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:176:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:176:LYS:N	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:176:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:176:LYS:O	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:177:LYS:C	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:177:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:177:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:177:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:177:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:177:LYS:CG	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:C12	2:B:177:LYS:H	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:177:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:177:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:177:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:177:LYS:N	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:177:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:177:LYS:O	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:178:LYS:C	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:178:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:178:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:178:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:178:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:178:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:178:LYS:H	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:178:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:178:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:178:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:178:LYS:N	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:178:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:178:LYS:O	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:184:LYS:C	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:184:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:184:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:184:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:184:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:184:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:184:LYS:H	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:184:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:184:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:184:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:184:LYS:N	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:184:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:184:LYS:O	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:185:CYS:C	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:185:CYS:CA	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:185:CYS:CB	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:185:CYS:H	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:185:CYS:HG	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:185:CYS:N	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:185:CYS:O	6	4.65
(1,3)	3:A:3:PCW:C12	2:B:185:CYS:SG	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:1:MET:C	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:C13	2:B:1:MET:CA	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:1:MET:CB	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:1:MET:CE	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:1:MET:CG	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:1:MET:H	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:1:MET:N	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:1:MET:O	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:1:MET:SD	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:2:THR:C	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:2:THR:CA	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:2:THR:CB	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:2:THR:CG2	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:2:THR:H	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:2:THR:HG1	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:2:THR:N	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:2:THR:O	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:2:THR:OG1	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:3:GLU:C	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:3:GLU:CA	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:3:GLU:CB	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:3:GLU:CD	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:3:GLU:CG	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:3:GLU:H	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:3:GLU:N	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:3:GLU:O	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:3:GLU:OE1	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:3:GLU:OE2	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:4:TYR:C	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:4:TYR:CA	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:4:TYR:CB	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:4:TYR:CD1	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:4:TYR:CD2	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:4:TYR:CE1	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:4:TYR:CE2	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:4:TYR:CG	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:4:TYR:CZ	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:4:TYR:H	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:4:TYR:HH	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:4:TYR:N	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:4:TYR:O	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:4:TYR:OH	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:47:ASP:C	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:C13	2:B:47:ASP:CA	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:47:ASP:CB	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:47:ASP:CG	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:47:ASP:H	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:47:ASP:N	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:47:ASP:O	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:47:ASP:OD1	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:47:ASP:OD2	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:48:GLY:C	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:48:GLY:CA	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:48:GLY:H	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:48:GLY:N	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:48:GLY:O	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:49:GLU:C	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:49:GLU:CA	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:49:GLU:CB	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:49:GLU:CD	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:49:GLU:CG	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:49:GLU:H	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:49:GLU:N	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:49:GLU:O	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:49:GLU:OE1	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:49:GLU:OE2	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:50:THR:C	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:50:THR:CA	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:50:THR:CB	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:50:THR:CG2	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:50:THR:H	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:50:THR:HG1	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:50:THR:N	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:50:THR:O	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:50:THR:OG1	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:51:CYS:C	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:51:CYS:CA	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:51:CYS:CB	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:51:CYS:H	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:51:CYS:HG	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:51:CYS:N	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:51:CYS:O	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:51:CYS:SG	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:105:ASP:C	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:105:ASP:CA	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:C13	2:B:105:ASP:CB	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:105:ASP:CG	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:105:ASP:H	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:105:ASP:N	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:105:ASP:O	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:105:ASP:OD1	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:105:ASP:OD2	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:106:SER:C	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:106:SER:CA	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:106:SER:CB	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:106:SER:H	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:106:SER:HG	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:106:SER:N	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:106:SER:O	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:106:SER:OG	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:107:GLU:C	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:107:GLU:CA	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:107:GLU:CB	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:107:GLU:CD	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:107:GLU:CG	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:107:GLU:H	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:107:GLU:N	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:107:GLU:O	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:107:GLU:OE1	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:107:GLU:OE2	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:132:ASP:C	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:132:ASP:CA	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:132:ASP:CB	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:132:ASP:CG	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:132:ASP:H	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:132:ASP:N	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:132:ASP:O	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:132:ASP:OD1	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:132:ASP:OD2	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:133:LEU:C	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:133:LEU:CA	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:133:LEU:CB	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:133:LEU:CD1	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:133:LEU:CD2	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:133:LEU:CG	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:133:LEU:H	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:133:LEU:N	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:C13	2:B:133:LEU:O	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:134:ALA:C	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:134:ALA:CA	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:134:ALA:CB	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:134:ALA:H	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:134:ALA:N	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:134:ALA:O	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:137:TYR:C	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:137:TYR:CA	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:137:TYR:CB	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:137:TYR:CD1	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:137:TYR:CD2	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:137:TYR:CE1	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:137:TYR:CE2	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:137:TYR:CG	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:137:TYR:CZ	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:137:TYR:H	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:137:TYR:HH	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:137:TYR:N	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:137:TYR:O	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:137:TYR:OH	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:138:GLY:C	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:138:GLY:CA	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:138:GLY:H	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:138:GLY:N	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:138:GLY:O	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:139:ILE:C	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:139:ILE:CA	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:139:ILE:CB	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:139:ILE:CD1	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:139:ILE:CG1	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:139:ILE:CG2	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:139:ILE:H	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:139:ILE:N	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:139:ILE:O	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:140:PRO:C	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:140:PRO:CA	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:140:PRO:CB	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:140:PRO:CD	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:140:PRO:CG	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:140:PRO:N	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:140:PRO:O	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:C13	2:B:141:PHE:C	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:141:PHE:CA	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:141:PHE:CB	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:141:PHE:CD1	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:141:PHE:CD2	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:141:PHE:CE1	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:141:PHE:CE2	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:141:PHE:CG	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:141:PHE:CZ	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:141:PHE:H	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:141:PHE:N	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:141:PHE:O	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:142:ILE:C	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:142:ILE:CA	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:142:ILE:CB	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:142:ILE:CD1	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:142:ILE:CG1	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:142:ILE:CG2	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:142:ILE:H	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:142:ILE:N	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:142:ILE:O	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:143:GLU:C	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:143:GLU:CA	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:143:GLU:CB	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:143:GLU:CD	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:143:GLU:CG	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:143:GLU:H	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:143:GLU:N	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:143:GLU:O	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:143:GLU:OE1	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:143:GLU:OE2	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:158:THR:C	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:158:THR:CA	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:158:THR:CB	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:158:THR:CG2	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:158:THR:H	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:158:THR:HG1	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:158:THR:N	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:158:THR:O	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:158:THR:OG1	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:159:LEU:C	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:159:LEU:CA	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:C13	2:B:159:LEU:CB	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:159:LEU:CD1	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:159:LEU:CD2	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:159:LEU:CG	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:159:LEU:H	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:159:LEU:N	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:159:LEU:O	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:160:VAL:C	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:160:VAL:CA	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:160:VAL:CB	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:160:VAL:CG1	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:160:VAL:CG2	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:160:VAL:H	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:160:VAL:N	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:160:VAL:O	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:170:MET:C	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:170:MET:CA	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:170:MET:CB	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:170:MET:CE	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:170:MET:CG	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:170:MET:H	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:170:MET:N	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:170:MET:O	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:170:MET:SD	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:171:SER:C	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:171:SER:CA	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:171:SER:CB	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:171:SER:H	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:171:SER:HG	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:171:SER:N	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:171:SER:O	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:171:SER:OG	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:172:LYS:C	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:172:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:172:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:172:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:172:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:172:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:172:LYS:H	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:172:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:172:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:172:LYS:HZ3	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:C13	2:B:172:LYS:N	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:172:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:172:LYS:O	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:173:ASP:C	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:173:ASP:CA	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:173:ASP:CB	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:173:ASP:CG	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:173:ASP:H	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:173:ASP:N	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:173:ASP:O	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:173:ASP:OD1	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:173:ASP:OD2	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:174:GLY:C	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:174:GLY:CA	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:174:GLY:H	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:174:GLY:N	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:174:GLY:O	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:175:LYS:C	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:175:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:175:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:175:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:175:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:175:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:175:LYS:H	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:175:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:175:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:175:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:175:LYS:N	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:175:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:175:LYS:O	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:176:LYS:C	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:176:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:176:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:176:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:176:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:176:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:176:LYS:H	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:176:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:176:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:176:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:176:LYS:N	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:176:LYS:NZ	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:C13	2:B:176:LYS:O	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:177:LYS:C	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:177:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:177:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:177:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:177:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:177:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:177:LYS:H	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:177:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:177:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:177:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:177:LYS:N	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:177:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:177:LYS:O	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:178:LYS:C	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:178:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:178:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:178:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:178:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:178:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:178:LYS:H	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:178:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:178:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:178:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:178:LYS:N	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:178:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:178:LYS:O	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:184:LYS:C	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:184:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:184:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:184:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:184:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:184:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:184:LYS:H	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:184:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:184:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:184:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:184:LYS:N	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:184:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:184:LYS:O	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:185:CYS:C	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:185:CYS:CA	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:C13	2:B:185:CYS:CB	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:185:CYS:H	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:185:CYS:HG	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:185:CYS:N	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:185:CYS:O	6	4.65
(1,3)	3:A:3:PCW:C13	2:B:185:CYS:SG	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:1:MET:C	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:1:MET:CA	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:1:MET:CB	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:1:MET:CE	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:1:MET:CG	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:1:MET:H	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:1:MET:N	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:1:MET:O	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:1:MET:SD	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:2:THR:C	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:2:THR:CA	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:2:THR:CB	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:2:THR:CG2	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:2:THR:H	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:2:THR:HG1	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:2:THR:N	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:2:THR:O	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:2:THR:OG1	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:3:GLU:C	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:3:GLU:CA	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:3:GLU:CB	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:3:GLU:CD	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:3:GLU:CG	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:3:GLU:H	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:3:GLU:N	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:3:GLU:O	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:3:GLU:OE1	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:3:GLU:OE2	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:4:TYR:C	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:4:TYR:CA	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:4:TYR:CB	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:4:TYR:CD1	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:4:TYR:CD2	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:4:TYR:CE1	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:4:TYR:CE2	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:4:TYR:CG	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:C14	2:B:4:TYR:CZ	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:4:TYR:H	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:4:TYR:HH	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:4:TYR:N	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:4:TYR:O	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:4:TYR:OH	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:47:ASP:C	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:47:ASP:CA	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:47:ASP:CB	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:47:ASP:CG	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:47:ASP:H	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:47:ASP:N	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:47:ASP:O	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:47:ASP:OD1	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:47:ASP:OD2	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:48:GLY:C	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:48:GLY:CA	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:48:GLY:H	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:48:GLY:N	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:48:GLY:O	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:49:GLU:C	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:49:GLU:CA	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:49:GLU:CB	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:49:GLU:CD	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:49:GLU:CG	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:49:GLU:H	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:49:GLU:N	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:49:GLU:O	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:49:GLU:OE1	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:49:GLU:OE2	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:50:THR:C	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:50:THR:CA	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:50:THR:CB	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:50:THR:CG2	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:50:THR:H	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:50:THR:HG1	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:50:THR:N	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:50:THR:O	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:50:THR:OG1	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:51:CYS:C	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:51:CYS:CA	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:51:CYS:CB	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:C14	2:B:51:CYS:H	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:51:CYS:HG	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:51:CYS:N	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:51:CYS:O	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:51:CYS:SG	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:105:ASP:C	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:105:ASP:CA	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:105:ASP:CB	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:105:ASP:CG	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:105:ASP:H	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:105:ASP:N	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:105:ASP:O	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:105:ASP:OD1	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:105:ASP:OD2	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:106:SER:C	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:106:SER:CA	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:106:SER:CB	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:106:SER:H	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:106:SER:HG	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:106:SER:N	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:106:SER:O	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:106:SER:OG	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:107:GLU:C	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:107:GLU:CA	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:107:GLU:CB	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:107:GLU:CD	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:107:GLU:CG	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:107:GLU:H	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:107:GLU:N	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:107:GLU:O	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:107:GLU:OE1	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:107:GLU:OE2	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:132:ASP:C	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:132:ASP:CA	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:132:ASP:CB	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:132:ASP:CG	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:132:ASP:H	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:132:ASP:N	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:132:ASP:O	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:132:ASP:OD1	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:132:ASP:OD2	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:133:LEU:C	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:C14	2:B:133:LEU:CA	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:133:LEU:CB	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:133:LEU:CD1	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:133:LEU:CD2	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:133:LEU:CG	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:133:LEU:H	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:133:LEU:N	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:133:LEU:O	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:134:ALA:C	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:134:ALA:CA	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:134:ALA:CB	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:134:ALA:H	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:134:ALA:N	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:134:ALA:O	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:137:TYR:C	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:137:TYR:CA	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:137:TYR:CB	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:137:TYR:CD1	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:137:TYR:CD2	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:137:TYR:CE1	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:137:TYR:CE2	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:137:TYR:CG	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:137:TYR:CZ	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:137:TYR:H	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:137:TYR:HH	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:137:TYR:N	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:137:TYR:O	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:137:TYR:OH	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:138:GLY:C	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:138:GLY:CA	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:138:GLY:H	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:138:GLY:N	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:138:GLY:O	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:139:ILE:C	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:139:ILE:CA	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:139:ILE:CB	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:139:ILE:CD1	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:139:ILE:CG1	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:139:ILE:CG2	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:139:ILE:H	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:139:ILE:N	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:139:ILE:O	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:C14	2:B:140:PRO:C	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:140:PRO:CA	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:140:PRO:CB	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:140:PRO:CD	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:140:PRO:CG	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:140:PRO:N	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:140:PRO:O	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:141:PHE:C	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:141:PHE:CA	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:141:PHE:CB	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:141:PHE:CD1	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:141:PHE:CD2	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:141:PHE:CE1	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:141:PHE:CE2	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:141:PHE:CG	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:141:PHE:CZ	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:141:PHE:H	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:141:PHE:N	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:141:PHE:O	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:142:ILE:C	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:142:ILE:CA	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:142:ILE:CB	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:142:ILE:CD1	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:142:ILE:CG1	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:142:ILE:CG2	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:142:ILE:H	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:142:ILE:N	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:142:ILE:O	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:143:GLU:C	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:143:GLU:CA	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:143:GLU:CB	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:143:GLU:CD	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:143:GLU:CG	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:143:GLU:H	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:143:GLU:N	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:143:GLU:O	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:143:GLU:OE1	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:143:GLU:OE2	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:158:THR:C	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:158:THR:CA	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:158:THR:CB	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:158:THR:CG2	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:C14	2:B:158:THR:H	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:158:THR:HG1	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:158:THR:N	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:158:THR:O	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:158:THR:OG1	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:159:LEU:C	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:159:LEU:CA	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:159:LEU:CB	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:159:LEU:CD1	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:159:LEU:CD2	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:159:LEU:CG	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:159:LEU:H	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:159:LEU:N	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:159:LEU:O	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:160:VAL:C	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:160:VAL:CA	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:160:VAL:CB	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:160:VAL:CG1	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:160:VAL:CG2	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:160:VAL:H	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:160:VAL:N	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:160:VAL:O	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:170:MET:C	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:170:MET:CA	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:170:MET:CB	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:170:MET:CE	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:170:MET:CG	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:170:MET:H	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:170:MET:N	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:170:MET:O	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:170:MET:SD	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:171:SER:C	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:171:SER:CA	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:171:SER:CB	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:171:SER:H	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:171:SER:HG	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:171:SER:N	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:171:SER:O	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:171:SER:OG	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:172:LYS:C	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:172:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:172:LYS:CB	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:C14	2:B:172:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:172:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:172:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:172:LYS:H	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:172:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:172:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:172:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:172:LYS:N	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:172:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:172:LYS:O	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:173:ASP:C	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:173:ASP:CA	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:173:ASP:CB	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:173:ASP:CG	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:173:ASP:H	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:173:ASP:N	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:173:ASP:O	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:173:ASP:OD1	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:173:ASP:OD2	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:174:GLY:C	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:174:GLY:CA	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:174:GLY:H	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:174:GLY:N	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:174:GLY:O	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:175:LYS:C	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:175:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:175:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:175:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:175:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:175:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:175:LYS:H	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:175:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:175:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:175:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:175:LYS:N	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:175:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:175:LYS:O	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:176:LYS:C	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:176:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:176:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:176:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:176:LYS:CE	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:C14	2:B:176:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:176:LYS:H	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:176:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:176:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:176:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:176:LYS:N	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:176:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:176:LYS:O	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:177:LYS:C	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:177:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:177:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:177:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:177:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:177:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:177:LYS:H	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:177:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:177:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:177:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:177:LYS:N	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:177:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:177:LYS:O	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:178:LYS:C	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:178:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:178:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:178:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:178:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:178:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:178:LYS:H	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:178:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:178:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:178:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:178:LYS:N	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:178:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:178:LYS:O	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:184:LYS:C	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:184:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:184:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:184:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:184:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:184:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:184:LYS:H	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:184:LYS:HZ1	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:C14	2:B:184:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:184:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:184:LYS:N	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:184:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:184:LYS:O	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:185:CYS:C	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:185:CYS:CA	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:185:CYS:CB	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:185:CYS:H	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:185:CYS:HG	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:185:CYS:N	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:185:CYS:O	6	4.65
(1,3)	3:A:3:PCW:C14	2:B:185:CYS:SG	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:1:MET:C	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:1:MET:CA	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:1:MET:CB	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:1:MET:CE	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:1:MET:CG	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:1:MET:H	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:1:MET:N	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:1:MET:O	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:1:MET:SD	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:2:THR:C	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:2:THR:CA	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:2:THR:CB	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:2:THR:CG2	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:2:THR:H	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:2:THR:HG1	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:2:THR:N	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:2:THR:O	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:2:THR:OG1	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:3:GLU:C	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:3:GLU:CA	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:3:GLU:CB	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:3:GLU:CD	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:3:GLU:CG	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:3:GLU:H	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:3:GLU:N	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:3:GLU:O	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:3:GLU:OE1	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:3:GLU:OE2	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:4:TYR:C	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:C15	2:B:4:TYR:CA	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:4:TYR:CB	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:4:TYR:CD1	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:4:TYR:CD2	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:4:TYR:CE1	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:4:TYR:CE2	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:4:TYR:CG	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:4:TYR:CZ	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:4:TYR:H	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:4:TYR:HH	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:4:TYR:N	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:4:TYR:O	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:4:TYR:OH	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:47:ASP:C	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:47:ASP:CA	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:47:ASP:CB	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:47:ASP:CG	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:47:ASP:H	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:47:ASP:N	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:47:ASP:O	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:47:ASP:OD1	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:47:ASP:OD2	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:48:GLY:C	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:48:GLY:CA	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:48:GLY:H	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:48:GLY:N	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:48:GLY:O	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:49:GLU:C	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:49:GLU:CA	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:49:GLU:CB	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:49:GLU:CD	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:49:GLU:CG	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:49:GLU:H	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:49:GLU:N	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:49:GLU:O	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:49:GLU:OE1	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:49:GLU:OE2	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:50:THR:C	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:50:THR:CA	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:50:THR:CB	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:50:THR:CG2	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:50:THR:H	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:C15	2:B:50:THR:HG1	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:50:THR:N	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:50:THR:O	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:50:THR:OG1	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:51:CYS:C	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:51:CYS:CA	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:51:CYS:CB	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:51:CYS:H	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:51:CYS:HG	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:51:CYS:N	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:51:CYS:O	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:51:CYS:SG	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:105:ASP:C	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:105:ASP:CA	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:105:ASP:CB	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:105:ASP:CG	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:105:ASP:H	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:105:ASP:N	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:105:ASP:O	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:105:ASP:OD1	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:105:ASP:OD2	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:106:SER:C	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:106:SER:CA	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:106:SER:CB	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:106:SER:H	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:106:SER:HG	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:106:SER:N	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:106:SER:O	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:106:SER:OG	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:107:GLU:C	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:107:GLU:CA	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:107:GLU:CB	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:107:GLU:CD	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:107:GLU:CG	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:107:GLU:H	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:107:GLU:N	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:107:GLU:O	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:107:GLU:OE1	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:107:GLU:OE2	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:132:ASP:C	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:132:ASP:CA	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:132:ASP:CB	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:C15	2:B:132:ASP:CG	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:132:ASP:H	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:132:ASP:N	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:132:ASP:O	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:132:ASP:OD1	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:132:ASP:OD2	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:133:LEU:C	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:133:LEU:CA	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:133:LEU:CB	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:133:LEU:CD1	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:133:LEU:CD2	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:133:LEU:CG	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:133:LEU:H	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:133:LEU:N	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:133:LEU:O	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:134:ALA:C	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:134:ALA:CA	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:134:ALA:CB	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:134:ALA:H	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:134:ALA:N	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:134:ALA:O	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:137:TYR:C	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:137:TYR:CA	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:137:TYR:CB	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:137:TYR:CD1	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:137:TYR:CD2	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:137:TYR:CE1	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:137:TYR:CE2	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:137:TYR:CG	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:137:TYR:CZ	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:137:TYR:H	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:137:TYR:HH	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:137:TYR:N	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:137:TYR:O	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:137:TYR:OH	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:138:GLY:C	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:138:GLY:CA	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:138:GLY:H	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:138:GLY:N	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:138:GLY:O	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:139:ILE:C	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:139:ILE:CA	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:C15	2:B:139:ILE:CB	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:139:ILE:CD1	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:139:ILE:CG1	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:139:ILE:CG2	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:139:ILE:H	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:139:ILE:N	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:139:ILE:O	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:140:PRO:C	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:140:PRO:CA	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:140:PRO:CB	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:140:PRO:CD	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:140:PRO:CG	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:140:PRO:N	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:140:PRO:O	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:141:PHE:C	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:141:PHE:CA	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:141:PHE:CB	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:141:PHE:CD1	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:141:PHE:CD2	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:141:PHE:CE1	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:141:PHE:CE2	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:141:PHE:CG	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:141:PHE:CZ	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:141:PHE:H	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:141:PHE:N	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:141:PHE:O	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:142:ILE:C	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:142:ILE:CA	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:142:ILE:CB	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:142:ILE:CD1	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:142:ILE:CG1	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:142:ILE:CG2	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:142:ILE:H	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:142:ILE:N	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:142:ILE:O	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:143:GLU:C	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:143:GLU:CA	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:143:GLU:CB	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:143:GLU:CD	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:143:GLU:CG	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:143:GLU:H	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:143:GLU:N	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:C15	2:B:143:GLU:O	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:143:GLU:OE1	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:143:GLU:OE2	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:158:THR:C	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:158:THR:CA	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:158:THR:CB	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:158:THR:CG2	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:158:THR:H	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:158:THR:HG1	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:158:THR:N	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:158:THR:O	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:158:THR:OG1	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:159:LEU:C	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:159:LEU:CA	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:159:LEU:CB	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:159:LEU:CD1	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:159:LEU:CD2	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:159:LEU:CG	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:159:LEU:H	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:159:LEU:N	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:159:LEU:O	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:160:VAL:C	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:160:VAL:CA	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:160:VAL:CB	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:160:VAL:CG1	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:160:VAL:CG2	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:160:VAL:H	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:160:VAL:N	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:160:VAL:O	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:170:MET:C	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:170:MET:CA	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:170:MET:CB	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:170:MET:CE	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:170:MET:CG	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:170:MET:H	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:170:MET:N	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:170:MET:O	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:170:MET:SD	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:171:SER:C	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:171:SER:CA	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:171:SER:CB	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:171:SER:H	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:C15	2:B:171:SER:HG	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:171:SER:N	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:171:SER:O	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:171:SER:OG	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:172:LYS:C	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:172:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:172:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:172:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:172:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:172:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:172:LYS:H	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:172:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:172:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:172:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:172:LYS:N	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:172:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:172:LYS:O	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:173:ASP:C	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:173:ASP:CA	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:173:ASP:CB	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:173:ASP:CG	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:173:ASP:H	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:173:ASP:N	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:173:ASP:O	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:173:ASP:OD1	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:173:ASP:OD2	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:174:GLY:C	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:174:GLY:CA	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:174:GLY:H	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:174:GLY:N	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:174:GLY:O	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:175:LYS:C	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:175:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:175:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:175:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:175:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:175:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:175:LYS:H	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:175:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:175:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:175:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:175:LYS:N	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:C15	2:B:175:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:175:LYS:O	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:176:LYS:C	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:176:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:176:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:176:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:176:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:176:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:176:LYS:H	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:176:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:176:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:176:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:176:LYS:N	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:176:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:176:LYS:O	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:177:LYS:C	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:177:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:177:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:177:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:177:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:177:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:177:LYS:H	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:177:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:177:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:177:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:177:LYS:N	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:177:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:177:LYS:O	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:178:LYS:C	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:178:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:178:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:178:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:178:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:178:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:178:LYS:H	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:178:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:178:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:178:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:178:LYS:N	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:178:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:178:LYS:O	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:184:LYS:C	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:C15	2:B:184:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:184:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:184:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:184:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:184:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:184:LYS:H	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:184:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:184:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:184:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:184:LYS:N	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:184:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:184:LYS:O	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:185:CYS:C	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:185:CYS:CA	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:185:CYS:CB	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:185:CYS:H	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:185:CYS:HG	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:185:CYS:N	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:185:CYS:O	6	4.65
(1,3)	3:A:3:PCW:C15	2:B:185:CYS:SG	6	4.65
(1,3)	3:A:3:PCW:N	2:B:1:MET:C	6	4.65
(1,3)	3:A:3:PCW:N	2:B:1:MET:CA	6	4.65
(1,3)	3:A:3:PCW:N	2:B:1:MET:CB	6	4.65
(1,3)	3:A:3:PCW:N	2:B:1:MET:CE	6	4.65
(1,3)	3:A:3:PCW:N	2:B:1:MET:CG	6	4.65
(1,3)	3:A:3:PCW:N	2:B:1:MET:H	6	4.65
(1,3)	3:A:3:PCW:N	2:B:1:MET:N	6	4.65
(1,3)	3:A:3:PCW:N	2:B:1:MET:O	6	4.65
(1,3)	3:A:3:PCW:N	2:B:1:MET:SD	6	4.65
(1,3)	3:A:3:PCW:N	2:B:2:THR:C	6	4.65
(1,3)	3:A:3:PCW:N	2:B:2:THR:CA	6	4.65
(1,3)	3:A:3:PCW:N	2:B:2:THR:CB	6	4.65
(1,3)	3:A:3:PCW:N	2:B:2:THR:CG2	6	4.65
(1,3)	3:A:3:PCW:N	2:B:2:THR:H	6	4.65
(1,3)	3:A:3:PCW:N	2:B:2:THR:HG1	6	4.65
(1,3)	3:A:3:PCW:N	2:B:2:THR:N	6	4.65
(1,3)	3:A:3:PCW:N	2:B:2:THR:O	6	4.65
(1,3)	3:A:3:PCW:N	2:B:2:THR:OG1	6	4.65
(1,3)	3:A:3:PCW:N	2:B:3:GLU:C	6	4.65
(1,3)	3:A:3:PCW:N	2:B:3:GLU:CA	6	4.65
(1,3)	3:A:3:PCW:N	2:B:3:GLU:CB	6	4.65
(1,3)	3:A:3:PCW:N	2:B:3:GLU:CD	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:N	2:B:3:GLU:CG	6	4.65
(1,3)	3:A:3:PCW:N	2:B:3:GLU:H	6	4.65
(1,3)	3:A:3:PCW:N	2:B:3:GLU:N	6	4.65
(1,3)	3:A:3:PCW:N	2:B:3:GLU:O	6	4.65
(1,3)	3:A:3:PCW:N	2:B:3:GLU:OE1	6	4.65
(1,3)	3:A:3:PCW:N	2:B:3:GLU:OE2	6	4.65
(1,3)	3:A:3:PCW:N	2:B:4:TYR:C	6	4.65
(1,3)	3:A:3:PCW:N	2:B:4:TYR:CA	6	4.65
(1,3)	3:A:3:PCW:N	2:B:4:TYR:CB	6	4.65
(1,3)	3:A:3:PCW:N	2:B:4:TYR:CD1	6	4.65
(1,3)	3:A:3:PCW:N	2:B:4:TYR:CD2	6	4.65
(1,3)	3:A:3:PCW:N	2:B:4:TYR:CE1	6	4.65
(1,3)	3:A:3:PCW:N	2:B:4:TYR:CE2	6	4.65
(1,3)	3:A:3:PCW:N	2:B:4:TYR:CG	6	4.65
(1,3)	3:A:3:PCW:N	2:B:4:TYR:CZ	6	4.65
(1,3)	3:A:3:PCW:N	2:B:4:TYR:H	6	4.65
(1,3)	3:A:3:PCW:N	2:B:4:TYR:HH	6	4.65
(1,3)	3:A:3:PCW:N	2:B:4:TYR:N	6	4.65
(1,3)	3:A:3:PCW:N	2:B:4:TYR:O	6	4.65
(1,3)	3:A:3:PCW:N	2:B:4:TYR:OH	6	4.65
(1,3)	3:A:3:PCW:N	2:B:47:ASP:C	6	4.65
(1,3)	3:A:3:PCW:N	2:B:47:ASP:CA	6	4.65
(1,3)	3:A:3:PCW:N	2:B:47:ASP:CB	6	4.65
(1,3)	3:A:3:PCW:N	2:B:47:ASP:CG	6	4.65
(1,3)	3:A:3:PCW:N	2:B:47:ASP:H	6	4.65
(1,3)	3:A:3:PCW:N	2:B:47:ASP:N	6	4.65
(1,3)	3:A:3:PCW:N	2:B:47:ASP:O	6	4.65
(1,3)	3:A:3:PCW:N	2:B:47:ASP:OD1	6	4.65
(1,3)	3:A:3:PCW:N	2:B:47:ASP:OD2	6	4.65
(1,3)	3:A:3:PCW:N	2:B:48:GLY:C	6	4.65
(1,3)	3:A:3:PCW:N	2:B:48:GLY:CA	6	4.65
(1,3)	3:A:3:PCW:N	2:B:48:GLY:H	6	4.65
(1,3)	3:A:3:PCW:N	2:B:48:GLY:N	6	4.65
(1,3)	3:A:3:PCW:N	2:B:48:GLY:O	6	4.65
(1,3)	3:A:3:PCW:N	2:B:49:GLU:C	6	4.65
(1,3)	3:A:3:PCW:N	2:B:49:GLU:CA	6	4.65
(1,3)	3:A:3:PCW:N	2:B:49:GLU:CB	6	4.65
(1,3)	3:A:3:PCW:N	2:B:49:GLU:CD	6	4.65
(1,3)	3:A:3:PCW:N	2:B:49:GLU:CG	6	4.65
(1,3)	3:A:3:PCW:N	2:B:49:GLU:H	6	4.65
(1,3)	3:A:3:PCW:N	2:B:49:GLU:N	6	4.65
(1,3)	3:A:3:PCW:N	2:B:49:GLU:O	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:N	2:B:49:GLU:OE1	6	4.65
(1,3)	3:A:3:PCW:N	2:B:49:GLU:OE2	6	4.65
(1,3)	3:A:3:PCW:N	2:B:50:THR:C	6	4.65
(1,3)	3:A:3:PCW:N	2:B:50:THR:CA	6	4.65
(1,3)	3:A:3:PCW:N	2:B:50:THR:CB	6	4.65
(1,3)	3:A:3:PCW:N	2:B:50:THR:CG2	6	4.65
(1,3)	3:A:3:PCW:N	2:B:50:THR:H	6	4.65
(1,3)	3:A:3:PCW:N	2:B:50:THR:HG1	6	4.65
(1,3)	3:A:3:PCW:N	2:B:50:THR:N	6	4.65
(1,3)	3:A:3:PCW:N	2:B:50:THR:O	6	4.65
(1,3)	3:A:3:PCW:N	2:B:50:THR:OG1	6	4.65
(1,3)	3:A:3:PCW:N	2:B:51:CYS:C	6	4.65
(1,3)	3:A:3:PCW:N	2:B:51:CYS:CA	6	4.65
(1,3)	3:A:3:PCW:N	2:B:51:CYS:CB	6	4.65
(1,3)	3:A:3:PCW:N	2:B:51:CYS:H	6	4.65
(1,3)	3:A:3:PCW:N	2:B:51:CYS:HG	6	4.65
(1,3)	3:A:3:PCW:N	2:B:51:CYS:N	6	4.65
(1,3)	3:A:3:PCW:N	2:B:51:CYS:O	6	4.65
(1,3)	3:A:3:PCW:N	2:B:51:CYS:SG	6	4.65
(1,3)	3:A:3:PCW:N	2:B:105:ASP:C	6	4.65
(1,3)	3:A:3:PCW:N	2:B:105:ASP:CA	6	4.65
(1,3)	3:A:3:PCW:N	2:B:105:ASP:CB	6	4.65
(1,3)	3:A:3:PCW:N	2:B:105:ASP:CG	6	4.65
(1,3)	3:A:3:PCW:N	2:B:105:ASP:H	6	4.65
(1,3)	3:A:3:PCW:N	2:B:105:ASP:N	6	4.65
(1,3)	3:A:3:PCW:N	2:B:105:ASP:O	6	4.65
(1,3)	3:A:3:PCW:N	2:B:105:ASP:OD1	6	4.65
(1,3)	3:A:3:PCW:N	2:B:105:ASP:OD2	6	4.65
(1,3)	3:A:3:PCW:N	2:B:106:SER:C	6	4.65
(1,3)	3:A:3:PCW:N	2:B:106:SER:CA	6	4.65
(1,3)	3:A:3:PCW:N	2:B:106:SER:CB	6	4.65
(1,3)	3:A:3:PCW:N	2:B:106:SER:H	6	4.65
(1,3)	3:A:3:PCW:N	2:B:106:SER:HG	6	4.65
(1,3)	3:A:3:PCW:N	2:B:106:SER:N	6	4.65
(1,3)	3:A:3:PCW:N	2:B:106:SER:O	6	4.65
(1,3)	3:A:3:PCW:N	2:B:106:SER:OG	6	4.65
(1,3)	3:A:3:PCW:N	2:B:107:GLU:C	6	4.65
(1,3)	3:A:3:PCW:N	2:B:107:GLU:CA	6	4.65
(1,3)	3:A:3:PCW:N	2:B:107:GLU:CB	6	4.65
(1,3)	3:A:3:PCW:N	2:B:107:GLU:CD	6	4.65
(1,3)	3:A:3:PCW:N	2:B:107:GLU:CG	6	4.65
(1,3)	3:A:3:PCW:N	2:B:107:GLU:H	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:N	2:B:107:GLU:N	6	4.65
(1,3)	3:A:3:PCW:N	2:B:107:GLU:O	6	4.65
(1,3)	3:A:3:PCW:N	2:B:107:GLU:OE1	6	4.65
(1,3)	3:A:3:PCW:N	2:B:107:GLU:OE2	6	4.65
(1,3)	3:A:3:PCW:N	2:B:132:ASP:C	6	4.65
(1,3)	3:A:3:PCW:N	2:B:132:ASP:CA	6	4.65
(1,3)	3:A:3:PCW:N	2:B:132:ASP:CB	6	4.65
(1,3)	3:A:3:PCW:N	2:B:132:ASP:CG	6	4.65
(1,3)	3:A:3:PCW:N	2:B:132:ASP:H	6	4.65
(1,3)	3:A:3:PCW:N	2:B:132:ASP:N	6	4.65
(1,3)	3:A:3:PCW:N	2:B:132:ASP:O	6	4.65
(1,3)	3:A:3:PCW:N	2:B:132:ASP:OD1	6	4.65
(1,3)	3:A:3:PCW:N	2:B:132:ASP:OD2	6	4.65
(1,3)	3:A:3:PCW:N	2:B:133:LEU:C	6	4.65
(1,3)	3:A:3:PCW:N	2:B:133:LEU:CA	6	4.65
(1,3)	3:A:3:PCW:N	2:B:133:LEU:CB	6	4.65
(1,3)	3:A:3:PCW:N	2:B:133:LEU:CD1	6	4.65
(1,3)	3:A:3:PCW:N	2:B:133:LEU:CD2	6	4.65
(1,3)	3:A:3:PCW:N	2:B:133:LEU:CG	6	4.65
(1,3)	3:A:3:PCW:N	2:B:133:LEU:H	6	4.65
(1,3)	3:A:3:PCW:N	2:B:133:LEU:N	6	4.65
(1,3)	3:A:3:PCW:N	2:B:133:LEU:O	6	4.65
(1,3)	3:A:3:PCW:N	2:B:134:ALA:C	6	4.65
(1,3)	3:A:3:PCW:N	2:B:134:ALA:CA	6	4.65
(1,3)	3:A:3:PCW:N	2:B:134:ALA:CB	6	4.65
(1,3)	3:A:3:PCW:N	2:B:134:ALA:H	6	4.65
(1,3)	3:A:3:PCW:N	2:B:134:ALA:N	6	4.65
(1,3)	3:A:3:PCW:N	2:B:134:ALA:O	6	4.65
(1,3)	3:A:3:PCW:N	2:B:137:TYR:C	6	4.65
(1,3)	3:A:3:PCW:N	2:B:137:TYR:CA	6	4.65
(1,3)	3:A:3:PCW:N	2:B:137:TYR:CB	6	4.65
(1,3)	3:A:3:PCW:N	2:B:137:TYR:CD1	6	4.65
(1,3)	3:A:3:PCW:N	2:B:137:TYR:CD2	6	4.65
(1,3)	3:A:3:PCW:N	2:B:137:TYR:CE1	6	4.65
(1,3)	3:A:3:PCW:N	2:B:137:TYR:CE2	6	4.65
(1,3)	3:A:3:PCW:N	2:B:137:TYR:CG	6	4.65
(1,3)	3:A:3:PCW:N	2:B:137:TYR:CZ	6	4.65
(1,3)	3:A:3:PCW:N	2:B:137:TYR:H	6	4.65
(1,3)	3:A:3:PCW:N	2:B:137:TYR:HH	6	4.65
(1,3)	3:A:3:PCW:N	2:B:137:TYR:N	6	4.65
(1,3)	3:A:3:PCW:N	2:B:137:TYR:O	6	4.65
(1,3)	3:A:3:PCW:N	2:B:137:TYR:OH	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:N	2:B:138:GLY:C	6	4.65
(1,3)	3:A:3:PCW:N	2:B:138:GLY:CA	6	4.65
(1,3)	3:A:3:PCW:N	2:B:138:GLY:H	6	4.65
(1,3)	3:A:3:PCW:N	2:B:138:GLY:N	6	4.65
(1,3)	3:A:3:PCW:N	2:B:138:GLY:O	6	4.65
(1,3)	3:A:3:PCW:N	2:B:139:ILE:C	6	4.65
(1,3)	3:A:3:PCW:N	2:B:139:ILE:CA	6	4.65
(1,3)	3:A:3:PCW:N	2:B:139:ILE:CB	6	4.65
(1,3)	3:A:3:PCW:N	2:B:139:ILE:CD1	6	4.65
(1,3)	3:A:3:PCW:N	2:B:139:ILE:CG1	6	4.65
(1,3)	3:A:3:PCW:N	2:B:139:ILE:CG2	6	4.65
(1,3)	3:A:3:PCW:N	2:B:139:ILE:H	6	4.65
(1,3)	3:A:3:PCW:N	2:B:139:ILE:N	6	4.65
(1,3)	3:A:3:PCW:N	2:B:139:ILE:O	6	4.65
(1,3)	3:A:3:PCW:N	2:B:140:PRO:C	6	4.65
(1,3)	3:A:3:PCW:N	2:B:140:PRO:CA	6	4.65
(1,3)	3:A:3:PCW:N	2:B:140:PRO:CB	6	4.65
(1,3)	3:A:3:PCW:N	2:B:140:PRO:CD	6	4.65
(1,3)	3:A:3:PCW:N	2:B:140:PRO:CG	6	4.65
(1,3)	3:A:3:PCW:N	2:B:140:PRO:N	6	4.65
(1,3)	3:A:3:PCW:N	2:B:140:PRO:O	6	4.65
(1,3)	3:A:3:PCW:N	2:B:141:PHE:C	6	4.65
(1,3)	3:A:3:PCW:N	2:B:141:PHE:CA	6	4.65
(1,3)	3:A:3:PCW:N	2:B:141:PHE:CB	6	4.65
(1,3)	3:A:3:PCW:N	2:B:141:PHE:CD1	6	4.65
(1,3)	3:A:3:PCW:N	2:B:141:PHE:CD2	6	4.65
(1,3)	3:A:3:PCW:N	2:B:141:PHE:CE1	6	4.65
(1,3)	3:A:3:PCW:N	2:B:141:PHE:CE2	6	4.65
(1,3)	3:A:3:PCW:N	2:B:141:PHE:CG	6	4.65
(1,3)	3:A:3:PCW:N	2:B:141:PHE:CZ	6	4.65
(1,3)	3:A:3:PCW:N	2:B:141:PHE:H	6	4.65
(1,3)	3:A:3:PCW:N	2:B:141:PHE:N	6	4.65
(1,3)	3:A:3:PCW:N	2:B:141:PHE:O	6	4.65
(1,3)	3:A:3:PCW:N	2:B:142:ILE:C	6	4.65
(1,3)	3:A:3:PCW:N	2:B:142:ILE:CA	6	4.65
(1,3)	3:A:3:PCW:N	2:B:142:ILE:CB	6	4.65
(1,3)	3:A:3:PCW:N	2:B:142:ILE:CD1	6	4.65
(1,3)	3:A:3:PCW:N	2:B:142:ILE:CG1	6	4.65
(1,3)	3:A:3:PCW:N	2:B:142:ILE:CG2	6	4.65
(1,3)	3:A:3:PCW:N	2:B:142:ILE:H	6	4.65
(1,3)	3:A:3:PCW:N	2:B:142:ILE:N	6	4.65
(1,3)	3:A:3:PCW:N	2:B:142:ILE:O	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:N	2:B:143:GLU:C	6	4.65
(1,3)	3:A:3:PCW:N	2:B:143:GLU:CA	6	4.65
(1,3)	3:A:3:PCW:N	2:B:143:GLU:CB	6	4.65
(1,3)	3:A:3:PCW:N	2:B:143:GLU:CD	6	4.65
(1,3)	3:A:3:PCW:N	2:B:143:GLU:CG	6	4.65
(1,3)	3:A:3:PCW:N	2:B:143:GLU:H	6	4.65
(1,3)	3:A:3:PCW:N	2:B:143:GLU:N	6	4.65
(1,3)	3:A:3:PCW:N	2:B:143:GLU:O	6	4.65
(1,3)	3:A:3:PCW:N	2:B:143:GLU:OE1	6	4.65
(1,3)	3:A:3:PCW:N	2:B:143:GLU:OE2	6	4.65
(1,3)	3:A:3:PCW:N	2:B:158:THR:C	6	4.65
(1,3)	3:A:3:PCW:N	2:B:158:THR:CA	6	4.65
(1,3)	3:A:3:PCW:N	2:B:158:THR:CB	6	4.65
(1,3)	3:A:3:PCW:N	2:B:158:THR:CG2	6	4.65
(1,3)	3:A:3:PCW:N	2:B:158:THR:H	6	4.65
(1,3)	3:A:3:PCW:N	2:B:158:THR:HG1	6	4.65
(1,3)	3:A:3:PCW:N	2:B:158:THR:N	6	4.65
(1,3)	3:A:3:PCW:N	2:B:158:THR:O	6	4.65
(1,3)	3:A:3:PCW:N	2:B:158:THR:OG1	6	4.65
(1,3)	3:A:3:PCW:N	2:B:159:LEU:C	6	4.65
(1,3)	3:A:3:PCW:N	2:B:159:LEU:CA	6	4.65
(1,3)	3:A:3:PCW:N	2:B:159:LEU:CB	6	4.65
(1,3)	3:A:3:PCW:N	2:B:159:LEU:CD1	6	4.65
(1,3)	3:A:3:PCW:N	2:B:159:LEU:CD2	6	4.65
(1,3)	3:A:3:PCW:N	2:B:159:LEU:CG	6	4.65
(1,3)	3:A:3:PCW:N	2:B:159:LEU:H	6	4.65
(1,3)	3:A:3:PCW:N	2:B:159:LEU:N	6	4.65
(1,3)	3:A:3:PCW:N	2:B:159:LEU:O	6	4.65
(1,3)	3:A:3:PCW:N	2:B:160:VAL:C	6	4.65
(1,3)	3:A:3:PCW:N	2:B:160:VAL:CA	6	4.65
(1,3)	3:A:3:PCW:N	2:B:160:VAL:CB	6	4.65
(1,3)	3:A:3:PCW:N	2:B:160:VAL:CG1	6	4.65
(1,3)	3:A:3:PCW:N	2:B:160:VAL:CG2	6	4.65
(1,3)	3:A:3:PCW:N	2:B:160:VAL:H	6	4.65
(1,3)	3:A:3:PCW:N	2:B:160:VAL:N	6	4.65
(1,3)	3:A:3:PCW:N	2:B:160:VAL:O	6	4.65
(1,3)	3:A:3:PCW:N	2:B:170:MET:C	6	4.65
(1,3)	3:A:3:PCW:N	2:B:170:MET:CA	6	4.65
(1,3)	3:A:3:PCW:N	2:B:170:MET:CB	6	4.65
(1,3)	3:A:3:PCW:N	2:B:170:MET:CE	6	4.65
(1,3)	3:A:3:PCW:N	2:B:170:MET:CG	6	4.65
(1,3)	3:A:3:PCW:N	2:B:170:MET:H	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:N	2:B:170:MET:N	6	4.65
(1,3)	3:A:3:PCW:N	2:B:170:MET:O	6	4.65
(1,3)	3:A:3:PCW:N	2:B:170:MET:SD	6	4.65
(1,3)	3:A:3:PCW:N	2:B:171:SER:C	6	4.65
(1,3)	3:A:3:PCW:N	2:B:171:SER:CA	6	4.65
(1,3)	3:A:3:PCW:N	2:B:171:SER:CB	6	4.65
(1,3)	3:A:3:PCW:N	2:B:171:SER:H	6	4.65
(1,3)	3:A:3:PCW:N	2:B:171:SER:HG	6	4.65
(1,3)	3:A:3:PCW:N	2:B:171:SER:N	6	4.65
(1,3)	3:A:3:PCW:N	2:B:171:SER:O	6	4.65
(1,3)	3:A:3:PCW:N	2:B:171:SER:OG	6	4.65
(1,3)	3:A:3:PCW:N	2:B:172:LYS:C	6	4.65
(1,3)	3:A:3:PCW:N	2:B:172:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:N	2:B:172:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:N	2:B:172:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:N	2:B:172:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:N	2:B:172:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:N	2:B:172:LYS:H	6	4.65
(1,3)	3:A:3:PCW:N	2:B:172:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:N	2:B:172:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:N	2:B:172:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:N	2:B:172:LYS:N	6	4.65
(1,3)	3:A:3:PCW:N	2:B:172:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:N	2:B:172:LYS:O	6	4.65
(1,3)	3:A:3:PCW:N	2:B:173:ASP:C	6	4.65
(1,3)	3:A:3:PCW:N	2:B:173:ASP:CA	6	4.65
(1,3)	3:A:3:PCW:N	2:B:173:ASP:CB	6	4.65
(1,3)	3:A:3:PCW:N	2:B:173:ASP:CG	6	4.65
(1,3)	3:A:3:PCW:N	2:B:173:ASP:H	6	4.65
(1,3)	3:A:3:PCW:N	2:B:173:ASP:N	6	4.65
(1,3)	3:A:3:PCW:N	2:B:173:ASP:O	6	4.65
(1,3)	3:A:3:PCW:N	2:B:173:ASP:OD1	6	4.65
(1,3)	3:A:3:PCW:N	2:B:173:ASP:OD2	6	4.65
(1,3)	3:A:3:PCW:N	2:B:174:GLY:C	6	4.65
(1,3)	3:A:3:PCW:N	2:B:174:GLY:CA	6	4.65
(1,3)	3:A:3:PCW:N	2:B:174:GLY:H	6	4.65
(1,3)	3:A:3:PCW:N	2:B:174:GLY:N	6	4.65
(1,3)	3:A:3:PCW:N	2:B:174:GLY:O	6	4.65
(1,3)	3:A:3:PCW:N	2:B:175:LYS:C	6	4.65
(1,3)	3:A:3:PCW:N	2:B:175:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:N	2:B:175:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:N	2:B:175:LYS:CD	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:N	2:B:175:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:N	2:B:175:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:N	2:B:175:LYS:H	6	4.65
(1,3)	3:A:3:PCW:N	2:B:175:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:N	2:B:175:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:N	2:B:175:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:N	2:B:175:LYS:N	6	4.65
(1,3)	3:A:3:PCW:N	2:B:175:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:N	2:B:175:LYS:O	6	4.65
(1,3)	3:A:3:PCW:N	2:B:176:LYS:C	6	4.65
(1,3)	3:A:3:PCW:N	2:B:176:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:N	2:B:176:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:N	2:B:176:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:N	2:B:176:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:N	2:B:176:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:N	2:B:176:LYS:H	6	4.65
(1,3)	3:A:3:PCW:N	2:B:176:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:N	2:B:176:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:N	2:B:176:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:N	2:B:176:LYS:N	6	4.65
(1,3)	3:A:3:PCW:N	2:B:176:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:N	2:B:176:LYS:O	6	4.65
(1,3)	3:A:3:PCW:N	2:B:177:LYS:C	6	4.65
(1,3)	3:A:3:PCW:N	2:B:177:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:N	2:B:177:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:N	2:B:177:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:N	2:B:177:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:N	2:B:177:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:N	2:B:177:LYS:H	6	4.65
(1,3)	3:A:3:PCW:N	2:B:177:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:N	2:B:177:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:N	2:B:177:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:N	2:B:177:LYS:N	6	4.65
(1,3)	3:A:3:PCW:N	2:B:177:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:N	2:B:177:LYS:O	6	4.65
(1,3)	3:A:3:PCW:N	2:B:178:LYS:C	6	4.65
(1,3)	3:A:3:PCW:N	2:B:178:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:N	2:B:178:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:N	2:B:178:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:N	2:B:178:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:N	2:B:178:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:N	2:B:178:LYS:H	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:N	2:B:178:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:N	2:B:178:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:N	2:B:178:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:N	2:B:178:LYS:N	6	4.65
(1,3)	3:A:3:PCW:N	2:B:178:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:N	2:B:178:LYS:O	6	4.65
(1,3)	3:A:3:PCW:N	2:B:184:LYS:C	6	4.65
(1,3)	3:A:3:PCW:N	2:B:184:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:N	2:B:184:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:N	2:B:184:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:N	2:B:184:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:N	2:B:184:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:N	2:B:184:LYS:H	6	4.65
(1,3)	3:A:3:PCW:N	2:B:184:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:N	2:B:184:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:N	2:B:184:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:N	2:B:184:LYS:N	6	4.65
(1,3)	3:A:3:PCW:N	2:B:184:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:N	2:B:184:LYS:O	6	4.65
(1,3)	3:A:3:PCW:N	2:B:185:CYS:C	6	4.65
(1,3)	3:A:3:PCW:N	2:B:185:CYS:CA	6	4.65
(1,3)	3:A:3:PCW:N	2:B:185:CYS:CB	6	4.65
(1,3)	3:A:3:PCW:N	2:B:185:CYS:H	6	4.65
(1,3)	3:A:3:PCW:N	2:B:185:CYS:HG	6	4.65
(1,3)	3:A:3:PCW:N	2:B:185:CYS:N	6	4.65
(1,3)	3:A:3:PCW:N	2:B:185:CYS:O	6	4.65
(1,3)	3:A:3:PCW:N	2:B:185:CYS:SG	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:1:MET:C	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:1:MET:CA	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:1:MET:CB	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:1:MET:CE	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:1:MET:CG	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:1:MET:H	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:1:MET:N	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:1:MET:O	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:1:MET:SD	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:2:THR:C	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:2:THR:CA	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:2:THR:CB	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:2:THR:CG2	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:2:THR:H	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:2:THR:HG1	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:O11	2:B:2:THR:N	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:2:THR:O	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:2:THR:OG1	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:3:GLU:C	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:3:GLU:CA	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:3:GLU:CB	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:3:GLU:CD	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:3:GLU:CG	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:3:GLU:H	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:3:GLU:N	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:3:GLU:O	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:3:GLU:OE1	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:3:GLU:OE2	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:4:TYR:C	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:4:TYR:CA	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:4:TYR:CB	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:4:TYR:CD1	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:4:TYR:CD2	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:4:TYR:CE1	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:4:TYR:CE2	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:4:TYR:CG	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:4:TYR:CZ	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:4:TYR:H	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:4:TYR:HH	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:4:TYR:N	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:4:TYR:O	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:4:TYR:OH	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:47:ASP:C	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:47:ASP:CA	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:47:ASP:CB	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:47:ASP:CG	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:47:ASP:H	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:47:ASP:N	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:47:ASP:O	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:47:ASP:OD1	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:47:ASP:OD2	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:48:GLY:C	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:48:GLY:CA	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:48:GLY:H	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:48:GLY:N	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:48:GLY:O	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:49:GLU:C	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:O11	2:B:49:GLU:CA	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:49:GLU:CB	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:49:GLU:CD	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:49:GLU:CG	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:49:GLU:H	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:49:GLU:N	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:49:GLU:O	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:49:GLU:OE1	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:49:GLU:OE2	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:50:THR:C	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:50:THR:CA	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:50:THR:CB	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:50:THR:CG2	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:50:THR:H	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:50:THR:HG1	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:50:THR:N	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:50:THR:O	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:50:THR:OG1	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:51:CYS:C	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:51:CYS:CA	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:51:CYS:CB	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:51:CYS:H	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:51:CYS:HG	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:51:CYS:N	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:51:CYS:O	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:51:CYS:SG	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:105:ASP:C	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:105:ASP:CA	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:105:ASP:CB	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:105:ASP:CG	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:105:ASP:H	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:105:ASP:N	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:105:ASP:O	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:105:ASP:OD1	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:105:ASP:OD2	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:106:SER:C	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:106:SER:CA	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:106:SER:CB	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:106:SER:H	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:106:SER:HG	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:106:SER:N	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:106:SER:O	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:O11	2:B:106:SER:OG	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:107:GLU:C	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:107:GLU:CA	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:107:GLU:CB	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:107:GLU:CD	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:107:GLU:CG	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:107:GLU:H	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:107:GLU:N	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:107:GLU:O	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:107:GLU:OE1	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:107:GLU:OE2	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:132:ASP:C	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:132:ASP:CA	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:132:ASP:CB	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:132:ASP:CG	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:132:ASP:H	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:132:ASP:N	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:132:ASP:O	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:132:ASP:OD1	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:132:ASP:OD2	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:133:LEU:C	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:133:LEU:CA	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:133:LEU:CB	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:133:LEU:CD1	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:133:LEU:CD2	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:133:LEU:CG	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:133:LEU:H	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:133:LEU:N	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:133:LEU:O	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:134:ALA:C	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:134:ALA:CA	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:134:ALA:CB	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:134:ALA:H	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:134:ALA:N	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:134:ALA:O	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:137:TYR:C	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:137:TYR:CA	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:137:TYR:CB	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:137:TYR:CD1	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:137:TYR:CD2	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:137:TYR:CE1	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:137:TYR:CE2	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:O11	2:B:137:TYR:CG	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:137:TYR:CZ	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:137:TYR:H	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:137:TYR:HH	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:137:TYR:N	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:137:TYR:O	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:137:TYR:OH	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:138:GLY:C	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:138:GLY:CA	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:138:GLY:H	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:138:GLY:N	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:138:GLY:O	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:139:ILE:C	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:139:ILE:CA	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:139:ILE:CB	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:139:ILE:CD1	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:139:ILE:CG1	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:139:ILE:CG2	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:139:ILE:H	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:139:ILE:N	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:139:ILE:O	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:140:PRO:C	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:140:PRO:CA	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:140:PRO:CB	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:140:PRO:CD	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:140:PRO:CG	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:140:PRO:N	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:140:PRO:O	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:141:PHE:C	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:141:PHE:CA	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:141:PHE:CB	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:141:PHE:CD1	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:141:PHE:CD2	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:141:PHE:CE1	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:141:PHE:CE2	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:141:PHE:CG	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:141:PHE:CZ	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:141:PHE:H	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:141:PHE:N	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:141:PHE:O	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:142:ILE:C	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:142:ILE:CA	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:O11	2:B:142:ILE:CB	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:142:ILE:CD1	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:142:ILE:CG1	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:142:ILE:CG2	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:142:ILE:H	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:142:ILE:N	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:142:ILE:O	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:143:GLU:C	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:143:GLU:CA	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:143:GLU:CB	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:143:GLU:CD	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:143:GLU:CG	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:143:GLU:H	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:143:GLU:N	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:143:GLU:O	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:143:GLU:OE1	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:143:GLU:OE2	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:158:THR:C	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:158:THR:CA	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:158:THR:CB	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:158:THR:CG2	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:158:THR:H	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:158:THR:HG1	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:158:THR:N	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:158:THR:O	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:158:THR:OG1	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:159:LEU:C	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:159:LEU:CA	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:159:LEU:CB	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:159:LEU:CD1	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:159:LEU:CD2	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:159:LEU:CG	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:159:LEU:H	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:159:LEU:N	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:159:LEU:O	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:160:VAL:C	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:160:VAL:CA	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:160:VAL:CB	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:160:VAL:CG1	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:160:VAL:CG2	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:160:VAL:H	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:160:VAL:N	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:O11	2:B:160:VAL:O	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:170:MET:C	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:170:MET:CA	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:170:MET:CB	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:170:MET:CE	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:170:MET:CG	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:170:MET:H	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:170:MET:N	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:170:MET:O	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:170:MET:SD	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:171:SER:C	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:171:SER:CA	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:171:SER:CB	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:171:SER:H	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:171:SER:HG	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:171:SER:N	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:171:SER:O	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:171:SER:OG	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:172:LYS:C	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:172:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:172:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:172:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:172:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:172:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:172:LYS:H	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:172:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:172:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:172:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:172:LYS:N	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:172:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:172:LYS:O	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:173:ASP:C	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:173:ASP:CA	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:173:ASP:CB	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:173:ASP:CG	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:173:ASP:H	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:173:ASP:N	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:173:ASP:O	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:173:ASP:OD1	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:173:ASP:OD2	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:174:GLY:C	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:174:GLY:CA	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:O11	2:B:174:GLY:H	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:174:GLY:N	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:174:GLY:O	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:175:LYS:C	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:175:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:175:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:175:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:175:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:175:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:175:LYS:H	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:175:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:175:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:175:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:175:LYS:N	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:175:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:175:LYS:O	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:176:LYS:C	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:176:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:176:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:176:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:176:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:176:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:176:LYS:H	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:176:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:176:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:176:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:176:LYS:N	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:176:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:176:LYS:O	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:177:LYS:C	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:177:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:177:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:177:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:177:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:177:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:177:LYS:H	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:177:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:177:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:177:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:177:LYS:N	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:177:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:177:LYS:O	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:O11	2:B:178:LYS:C	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:178:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:178:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:178:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:178:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:178:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:178:LYS:H	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:178:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:178:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:178:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:178:LYS:N	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:178:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:178:LYS:O	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:184:LYS:C	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:184:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:184:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:184:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:184:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:184:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:184:LYS:H	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:184:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:184:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:184:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:184:LYS:N	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:184:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:184:LYS:O	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:185:CYS:C	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:185:CYS:CA	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:185:CYS:CB	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:185:CYS:H	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:185:CYS:HG	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:185:CYS:N	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:185:CYS:O	6	4.65
(1,3)	3:A:3:PCW:O11	2:B:185:CYS:SG	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:1:MET:C	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:1:MET:CA	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:1:MET:CB	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:1:MET:CE	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:1:MET:CG	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:1:MET:H	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:1:MET:N	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:1:MET:O	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:O2	2:B:1:MET:SD	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:2:THR:C	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:2:THR:CA	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:2:THR:CB	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:2:THR:CG2	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:2:THR:H	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:2:THR:HG1	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:2:THR:N	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:2:THR:O	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:2:THR:OG1	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:3:GLU:C	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:3:GLU:CA	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:3:GLU:CB	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:3:GLU:CD	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:3:GLU:CG	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:3:GLU:H	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:3:GLU:N	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:3:GLU:O	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:3:GLU:OE1	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:3:GLU:OE2	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:4:TYR:C	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:4:TYR:CA	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:4:TYR:CB	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:4:TYR:CD1	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:4:TYR:CD2	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:4:TYR:CE1	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:4:TYR:CE2	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:4:TYR:CG	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:4:TYR:CZ	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:4:TYR:H	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:4:TYR:HH	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:4:TYR:N	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:4:TYR:O	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:4:TYR:OH	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:47:ASP:C	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:47:ASP:CA	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:47:ASP:CB	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:47:ASP:CG	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:47:ASP:H	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:47:ASP:N	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:47:ASP:O	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:47:ASP:OD1	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:O2	2:B:47:ASP:OD2	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:48:GLY:C	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:48:GLY:CA	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:48:GLY:H	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:48:GLY:N	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:48:GLY:O	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:49:GLU:C	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:49:GLU:CA	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:49:GLU:CB	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:49:GLU:CD	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:49:GLU:CG	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:49:GLU:H	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:49:GLU:N	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:49:GLU:O	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:49:GLU:OE1	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:49:GLU:OE2	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:50:THR:C	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:50:THR:CA	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:50:THR:CB	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:50:THR:CG2	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:50:THR:H	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:50:THR:HG1	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:50:THR:N	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:50:THR:O	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:50:THR:OG1	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:51:CYS:C	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:51:CYS:CA	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:51:CYS:CB	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:51:CYS:H	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:51:CYS:HG	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:51:CYS:N	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:51:CYS:O	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:51:CYS:SG	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:105:ASP:C	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:105:ASP:CA	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:105:ASP:CB	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:105:ASP:CG	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:105:ASP:H	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:105:ASP:N	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:105:ASP:O	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:105:ASP:OD1	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:105:ASP:OD2	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:O2	2:B:106:SER:C	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:106:SER:CA	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:106:SER:CB	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:106:SER:H	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:106:SER:HG	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:106:SER:N	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:106:SER:O	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:106:SER:OG	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:107:GLU:C	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:107:GLU:CA	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:107:GLU:CB	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:107:GLU:CD	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:107:GLU:CG	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:107:GLU:H	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:107:GLU:N	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:107:GLU:O	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:107:GLU:OE1	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:107:GLU:OE2	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:132:ASP:C	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:132:ASP:CA	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:132:ASP:CB	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:132:ASP:CG	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:132:ASP:H	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:132:ASP:N	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:132:ASP:O	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:132:ASP:OD1	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:132:ASP:OD2	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:133:LEU:C	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:133:LEU:CA	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:133:LEU:CB	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:133:LEU:CD1	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:133:LEU:CD2	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:133:LEU:CG	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:133:LEU:H	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:133:LEU:N	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:133:LEU:O	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:134:ALA:C	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:134:ALA:CA	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:134:ALA:CB	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:134:ALA:H	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:134:ALA:N	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:134:ALA:O	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:O2	2:B:137:TYR:C	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:137:TYR:CA	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:137:TYR:CB	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:137:TYR:CD1	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:137:TYR:CD2	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:137:TYR:CE1	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:137:TYR:CE2	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:137:TYR:CG	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:137:TYR:CZ	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:137:TYR:H	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:137:TYR:HH	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:137:TYR:N	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:137:TYR:O	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:137:TYR:OH	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:138:GLY:C	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:138:GLY:CA	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:138:GLY:H	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:138:GLY:N	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:138:GLY:O	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:139:ILE:C	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:139:ILE:CA	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:139:ILE:CB	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:139:ILE:CD1	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:139:ILE:CG1	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:139:ILE:CG2	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:139:ILE:H	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:139:ILE:N	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:139:ILE:O	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:140:PRO:C	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:140:PRO:CA	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:140:PRO:CB	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:140:PRO:CD	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:140:PRO:CG	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:140:PRO:N	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:140:PRO:O	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:141:PHE:C	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:141:PHE:CA	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:141:PHE:CB	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:141:PHE:CD1	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:141:PHE:CD2	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:141:PHE:CE1	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:141:PHE:CE2	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:O2	2:B:141:PHE:CG	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:141:PHE:CZ	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:141:PHE:H	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:141:PHE:N	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:141:PHE:O	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:142:ILE:C	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:142:ILE:CA	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:142:ILE:CB	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:142:ILE:CD1	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:142:ILE:CG1	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:142:ILE:CG2	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:142:ILE:H	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:142:ILE:N	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:142:ILE:O	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:143:GLU:C	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:143:GLU:CA	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:143:GLU:CB	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:143:GLU:CD	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:143:GLU:CG	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:143:GLU:H	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:143:GLU:N	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:143:GLU:O	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:143:GLU:OE1	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:143:GLU:OE2	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:158:THR:C	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:158:THR:CA	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:158:THR:CB	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:158:THR:CG2	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:158:THR:H	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:158:THR:HG1	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:158:THR:N	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:158:THR:O	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:158:THR:OG1	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:159:LEU:C	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:159:LEU:CA	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:159:LEU:CB	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:159:LEU:CD1	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:159:LEU:CD2	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:159:LEU:CG	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:159:LEU:H	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:159:LEU:N	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:159:LEU:O	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:O2	2:B:160:VAL:C	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:160:VAL:CA	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:160:VAL:CB	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:160:VAL:CG1	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:160:VAL:CG2	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:160:VAL:H	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:160:VAL:N	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:160:VAL:O	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:170:MET:C	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:170:MET:CA	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:170:MET:CB	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:170:MET:CE	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:170:MET:CG	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:170:MET:H	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:170:MET:N	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:170:MET:O	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:170:MET:SD	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:171:SER:C	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:171:SER:CA	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:171:SER:CB	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:171:SER:H	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:171:SER:HG	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:171:SER:N	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:171:SER:O	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:171:SER:OG	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:172:LYS:C	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:172:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:172:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:172:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:172:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:172:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:172:LYS:H	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:172:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:172:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:172:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:172:LYS:N	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:172:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:172:LYS:O	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:173:ASP:C	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:173:ASP:CA	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:173:ASP:CB	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:173:ASP:CG	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:O2	2:B:173:ASP:H	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:173:ASP:N	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:173:ASP:O	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:173:ASP:OD1	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:173:ASP:OD2	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:174:GLY:C	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:174:GLY:CA	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:174:GLY:H	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:174:GLY:N	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:174:GLY:O	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:175:LYS:C	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:175:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:175:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:175:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:175:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:175:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:175:LYS:H	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:175:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:175:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:175:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:175:LYS:N	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:175:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:175:LYS:O	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:176:LYS:C	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:176:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:176:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:176:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:176:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:176:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:176:LYS:H	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:176:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:176:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:176:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:176:LYS:N	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:176:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:176:LYS:O	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:177:LYS:C	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:177:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:177:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:177:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:177:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:177:LYS:CG	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:O2	2:B:177:LYS:H	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:177:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:177:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:177:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:177:LYS:N	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:177:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:177:LYS:O	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:178:LYS:C	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:178:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:178:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:178:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:178:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:178:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:178:LYS:H	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:178:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:178:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:178:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:178:LYS:N	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:178:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:178:LYS:O	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:184:LYS:C	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:184:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:184:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:184:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:184:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:184:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:184:LYS:H	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:184:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:184:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:184:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:184:LYS:N	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:184:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:184:LYS:O	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:185:CYS:C	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:185:CYS:CA	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:185:CYS:CB	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:185:CYS:H	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:185:CYS:HG	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:185:CYS:N	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:185:CYS:O	6	4.65
(1,3)	3:A:3:PCW:O2	2:B:185:CYS:SG	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:1:MET:C	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:O3	2:B:1:MET:CA	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:1:MET:CB	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:1:MET:CE	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:1:MET:CG	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:1:MET:H	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:1:MET:N	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:1:MET:O	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:1:MET:SD	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:2:THR:C	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:2:THR:CA	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:2:THR:CB	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:2:THR:CG2	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:2:THR:H	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:2:THR:HG1	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:2:THR:N	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:2:THR:O	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:2:THR:OG1	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:3:GLU:C	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:3:GLU:CA	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:3:GLU:CB	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:3:GLU:CD	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:3:GLU:CG	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:3:GLU:H	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:3:GLU:N	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:3:GLU:O	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:3:GLU:OE1	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:3:GLU:OE2	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:4:TYR:C	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:4:TYR:CA	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:4:TYR:CB	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:4:TYR:CD1	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:4:TYR:CD2	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:4:TYR:CE1	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:4:TYR:CE2	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:4:TYR:CG	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:4:TYR:CZ	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:4:TYR:H	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:4:TYR:HH	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:4:TYR:N	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:4:TYR:O	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:4:TYR:OH	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:47:ASP:C	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:O3	2:B:47:ASP:CA	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:47:ASP:CB	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:47:ASP:CG	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:47:ASP:H	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:47:ASP:N	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:47:ASP:O	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:47:ASP:OD1	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:47:ASP:OD2	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:48:GLY:C	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:48:GLY:CA	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:48:GLY:H	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:48:GLY:N	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:48:GLY:O	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:49:GLU:C	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:49:GLU:CA	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:49:GLU:CB	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:49:GLU:CD	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:49:GLU:CG	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:49:GLU:H	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:49:GLU:N	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:49:GLU:O	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:49:GLU:OE1	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:49:GLU:OE2	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:50:THR:C	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:50:THR:CA	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:50:THR:CB	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:50:THR:CG2	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:50:THR:H	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:50:THR:HG1	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:50:THR:N	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:50:THR:O	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:50:THR:OG1	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:51:CYS:C	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:51:CYS:CA	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:51:CYS:CB	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:51:CYS:H	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:51:CYS:HG	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:51:CYS:N	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:51:CYS:O	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:51:CYS:SG	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:105:ASP:C	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:105:ASP:CA	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:O3	2:B:105:ASP:CB	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:105:ASP:CG	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:105:ASP:H	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:105:ASP:N	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:105:ASP:O	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:105:ASP:OD1	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:105:ASP:OD2	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:106:SER:C	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:106:SER:CA	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:106:SER:CB	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:106:SER:H	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:106:SER:HG	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:106:SER:N	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:106:SER:O	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:106:SER:OG	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:107:GLU:C	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:107:GLU:CA	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:107:GLU:CB	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:107:GLU:CD	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:107:GLU:CG	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:107:GLU:H	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:107:GLU:N	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:107:GLU:O	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:107:GLU:OE1	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:107:GLU:OE2	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:132:ASP:C	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:132:ASP:CA	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:132:ASP:CB	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:132:ASP:CG	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:132:ASP:H	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:132:ASP:N	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:132:ASP:O	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:132:ASP:OD1	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:132:ASP:OD2	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:133:LEU:C	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:133:LEU:CA	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:133:LEU:CB	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:133:LEU:CD1	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:133:LEU:CD2	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:133:LEU:CG	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:133:LEU:H	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:133:LEU:N	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:O3	2:B:133:LEU:O	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:134:ALA:C	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:134:ALA:CA	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:134:ALA:CB	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:134:ALA:H	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:134:ALA:N	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:134:ALA:O	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:137:TYR:C	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:137:TYR:CA	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:137:TYR:CB	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:137:TYR:CD1	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:137:TYR:CD2	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:137:TYR:CE1	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:137:TYR:CE2	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:137:TYR:CG	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:137:TYR:CZ	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:137:TYR:H	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:137:TYR:HH	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:137:TYR:N	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:137:TYR:O	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:137:TYR:OH	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:138:GLY:C	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:138:GLY:CA	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:138:GLY:H	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:138:GLY:N	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:138:GLY:O	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:139:ILE:C	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:139:ILE:CA	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:139:ILE:CB	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:139:ILE:CD1	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:139:ILE:CG1	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:139:ILE:CG2	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:139:ILE:H	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:139:ILE:N	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:139:ILE:O	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:140:PRO:C	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:140:PRO:CA	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:140:PRO:CB	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:140:PRO:CD	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:140:PRO:CG	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:140:PRO:N	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:140:PRO:O	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:O3	2:B:141:PHE:C	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:141:PHE:CA	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:141:PHE:CB	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:141:PHE:CD1	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:141:PHE:CD2	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:141:PHE:CE1	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:141:PHE:CE2	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:141:PHE:CG	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:141:PHE:CZ	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:141:PHE:H	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:141:PHE:N	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:141:PHE:O	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:142:ILE:C	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:142:ILE:CA	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:142:ILE:CB	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:142:ILE:CD1	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:142:ILE:CG1	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:142:ILE:CG2	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:142:ILE:H	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:142:ILE:N	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:142:ILE:O	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:143:GLU:C	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:143:GLU:CA	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:143:GLU:CB	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:143:GLU:CD	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:143:GLU:CG	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:143:GLU:H	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:143:GLU:N	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:143:GLU:O	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:143:GLU:OE1	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:143:GLU:OE2	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:158:THR:C	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:158:THR:CA	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:158:THR:CB	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:158:THR:CG2	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:158:THR:H	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:158:THR:HG1	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:158:THR:N	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:158:THR:O	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:158:THR:OG1	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:159:LEU:C	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:159:LEU:CA	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:O3	2:B:159:LEU:CB	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:159:LEU:CD1	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:159:LEU:CD2	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:159:LEU:CG	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:159:LEU:H	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:159:LEU:N	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:159:LEU:O	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:160:VAL:C	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:160:VAL:CA	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:160:VAL:CB	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:160:VAL:CG1	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:160:VAL:CG2	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:160:VAL:H	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:160:VAL:N	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:160:VAL:O	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:170:MET:C	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:170:MET:CA	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:170:MET:CB	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:170:MET:CE	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:170:MET:CG	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:170:MET:H	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:170:MET:N	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:170:MET:O	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:170:MET:SD	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:171:SER:C	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:171:SER:CA	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:171:SER:CB	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:171:SER:H	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:171:SER:HG	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:171:SER:N	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:171:SER:O	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:171:SER:OG	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:172:LYS:C	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:172:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:172:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:172:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:172:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:172:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:172:LYS:H	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:172:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:172:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:172:LYS:HZ3	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:O3	2:B:172:LYS:N	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:172:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:172:LYS:O	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:173:ASP:C	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:173:ASP:CA	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:173:ASP:CB	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:173:ASP:CG	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:173:ASP:H	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:173:ASP:N	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:173:ASP:O	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:173:ASP:OD1	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:173:ASP:OD2	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:174:GLY:C	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:174:GLY:CA	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:174:GLY:H	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:174:GLY:N	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:174:GLY:O	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:175:LYS:C	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:175:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:175:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:175:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:175:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:175:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:175:LYS:H	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:175:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:175:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:175:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:175:LYS:N	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:175:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:175:LYS:O	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:176:LYS:C	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:176:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:176:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:176:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:176:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:176:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:176:LYS:H	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:176:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:176:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:176:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:176:LYS:N	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:176:LYS:NZ	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:O3	2:B:176:LYS:O	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:177:LYS:C	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:177:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:177:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:177:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:177:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:177:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:177:LYS:H	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:177:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:177:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:177:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:177:LYS:N	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:177:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:177:LYS:O	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:178:LYS:C	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:178:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:178:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:178:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:178:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:178:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:178:LYS:H	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:178:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:178:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:178:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:178:LYS:N	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:178:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:178:LYS:O	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:184:LYS:C	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:184:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:184:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:184:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:184:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:184:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:184:LYS:H	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:184:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:184:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:184:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:184:LYS:N	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:184:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:184:LYS:O	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:185:CYS:C	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:185:CYS:CA	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:O3	2:B:185:CYS:CB	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:185:CYS:H	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:185:CYS:HG	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:185:CYS:N	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:185:CYS:O	6	4.65
(1,3)	3:A:3:PCW:O3	2:B:185:CYS:SG	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:1:MET:C	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:1:MET:CA	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:1:MET:CB	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:1:MET:CE	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:1:MET:CG	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:1:MET:H	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:1:MET:N	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:1:MET:O	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:1:MET:SD	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:2:THR:C	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:2:THR:CA	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:2:THR:CB	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:2:THR:CG2	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:2:THR:H	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:2:THR:HG1	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:2:THR:N	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:2:THR:O	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:2:THR:OG1	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:3:GLU:C	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:3:GLU:CA	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:3:GLU:CB	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:3:GLU:CD	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:3:GLU:CG	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:3:GLU:H	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:3:GLU:N	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:3:GLU:O	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:3:GLU:OE1	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:3:GLU:OE2	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:4:TYR:C	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:4:TYR:CA	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:4:TYR:CB	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:4:TYR:CD1	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:4:TYR:CD2	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:4:TYR:CE1	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:4:TYR:CE2	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:4:TYR:CG	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:O31	2:B:4:TYR:CZ	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:4:TYR:H	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:4:TYR:HH	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:4:TYR:N	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:4:TYR:O	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:4:TYR:OH	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:47:ASP:C	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:47:ASP:CA	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:47:ASP:CB	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:47:ASP:CG	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:47:ASP:H	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:47:ASP:N	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:47:ASP:O	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:47:ASP:OD1	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:47:ASP:OD2	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:48:GLY:C	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:48:GLY:CA	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:48:GLY:H	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:48:GLY:N	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:48:GLY:O	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:49:GLU:C	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:49:GLU:CA	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:49:GLU:CB	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:49:GLU:CD	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:49:GLU:CG	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:49:GLU:H	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:49:GLU:N	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:49:GLU:O	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:49:GLU:OE1	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:49:GLU:OE2	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:50:THR:C	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:50:THR:CA	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:50:THR:CB	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:50:THR:CG2	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:50:THR:H	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:50:THR:HG1	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:50:THR:N	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:50:THR:O	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:50:THR:OG1	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:51:CYS:C	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:51:CYS:CA	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:51:CYS:CB	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:O31	2:B:51:CYS:H	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:51:CYS:HG	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:51:CYS:N	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:51:CYS:O	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:51:CYS:SG	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:105:ASP:C	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:105:ASP:CA	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:105:ASP:CB	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:105:ASP:CG	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:105:ASP:H	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:105:ASP:N	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:105:ASP:O	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:105:ASP:OD1	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:105:ASP:OD2	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:106:SER:C	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:106:SER:CA	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:106:SER:CB	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:106:SER:H	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:106:SER:HG	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:106:SER:N	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:106:SER:O	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:106:SER:OG	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:107:GLU:C	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:107:GLU:CA	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:107:GLU:CB	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:107:GLU:CD	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:107:GLU:CG	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:107:GLU:H	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:107:GLU:N	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:107:GLU:O	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:107:GLU:OE1	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:107:GLU:OE2	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:132:ASP:C	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:132:ASP:CA	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:132:ASP:CB	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:132:ASP:CG	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:132:ASP:H	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:132:ASP:N	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:132:ASP:O	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:132:ASP:OD1	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:132:ASP:OD2	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:133:LEU:C	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:O31	2:B:133:LEU:CA	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:133:LEU:CB	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:133:LEU:CD1	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:133:LEU:CD2	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:133:LEU:CG	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:133:LEU:H	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:133:LEU:N	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:133:LEU:O	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:134:ALA:C	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:134:ALA:CA	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:134:ALA:CB	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:134:ALA:H	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:134:ALA:N	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:134:ALA:O	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:137:TYR:C	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:137:TYR:CA	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:137:TYR:CB	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:137:TYR:CD1	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:137:TYR:CD2	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:137:TYR:CE1	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:137:TYR:CE2	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:137:TYR:CG	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:137:TYR:CZ	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:137:TYR:H	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:137:TYR:HH	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:137:TYR:N	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:137:TYR:O	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:137:TYR:OH	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:138:GLY:C	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:138:GLY:CA	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:138:GLY:H	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:138:GLY:N	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:138:GLY:O	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:139:ILE:C	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:139:ILE:CA	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:139:ILE:CB	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:139:ILE:CD1	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:139:ILE:CG1	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:139:ILE:CG2	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:139:ILE:H	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:139:ILE:N	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:139:ILE:O	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:O31	2:B:140:PRO:C	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:140:PRO:CA	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:140:PRO:CB	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:140:PRO:CD	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:140:PRO:CG	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:140:PRO:N	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:140:PRO:O	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:141:PHE:C	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:141:PHE:CA	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:141:PHE:CB	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:141:PHE:CD1	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:141:PHE:CD2	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:141:PHE:CE1	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:141:PHE:CE2	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:141:PHE:CG	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:141:PHE:CZ	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:141:PHE:H	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:141:PHE:N	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:141:PHE:O	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:142:ILE:C	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:142:ILE:CA	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:142:ILE:CB	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:142:ILE:CD1	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:142:ILE:CG1	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:142:ILE:CG2	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:142:ILE:H	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:142:ILE:N	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:142:ILE:O	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:143:GLU:C	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:143:GLU:CA	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:143:GLU:CB	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:143:GLU:CD	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:143:GLU:CG	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:143:GLU:H	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:143:GLU:N	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:143:GLU:O	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:143:GLU:OE1	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:143:GLU:OE2	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:158:THR:C	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:158:THR:CA	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:158:THR:CB	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:158:THR:CG2	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:O31	2:B:158:THR:H	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:158:THR:HG1	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:158:THR:N	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:158:THR:O	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:158:THR:OG1	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:159:LEU:C	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:159:LEU:CA	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:159:LEU:CB	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:159:LEU:CD1	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:159:LEU:CD2	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:159:LEU:CG	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:159:LEU:H	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:159:LEU:N	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:159:LEU:O	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:160:VAL:C	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:160:VAL:CA	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:160:VAL:CB	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:160:VAL:CG1	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:160:VAL:CG2	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:160:VAL:H	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:160:VAL:N	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:160:VAL:O	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:170:MET:C	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:170:MET:CA	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:170:MET:CB	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:170:MET:CE	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:170:MET:CG	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:170:MET:H	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:170:MET:N	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:170:MET:O	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:170:MET:SD	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:171:SER:C	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:171:SER:CA	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:171:SER:CB	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:171:SER:H	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:171:SER:HG	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:171:SER:N	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:171:SER:O	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:171:SER:OG	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:172:LYS:C	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:172:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:172:LYS:CB	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:O31	2:B:172:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:172:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:172:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:172:LYS:H	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:172:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:172:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:172:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:172:LYS:N	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:172:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:172:LYS:O	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:173:ASP:C	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:173:ASP:CA	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:173:ASP:CB	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:173:ASP:CG	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:173:ASP:H	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:173:ASP:N	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:173:ASP:O	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:173:ASP:OD1	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:173:ASP:OD2	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:174:GLY:C	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:174:GLY:CA	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:174:GLY:H	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:174:GLY:N	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:174:GLY:O	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:175:LYS:C	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:175:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:175:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:175:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:175:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:175:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:175:LYS:H	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:175:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:175:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:175:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:175:LYS:N	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:175:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:175:LYS:O	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:176:LYS:C	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:176:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:176:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:176:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:176:LYS:CE	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:O31	2:B:176:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:176:LYS:H	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:176:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:176:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:176:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:176:LYS:N	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:176:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:176:LYS:O	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:177:LYS:C	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:177:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:177:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:177:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:177:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:177:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:177:LYS:H	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:177:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:177:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:177:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:177:LYS:N	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:177:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:177:LYS:O	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:178:LYS:C	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:178:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:178:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:178:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:178:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:178:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:178:LYS:H	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:178:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:178:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:178:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:178:LYS:N	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:178:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:178:LYS:O	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:184:LYS:C	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:184:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:184:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:184:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:184:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:184:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:184:LYS:H	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:184:LYS:HZ1	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:O31	2:B:184:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:184:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:184:LYS:N	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:184:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:184:LYS:O	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:185:CYS:C	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:185:CYS:CA	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:185:CYS:CB	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:185:CYS:H	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:185:CYS:HG	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:185:CYS:N	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:185:CYS:O	6	4.65
(1,3)	3:A:3:PCW:O31	2:B:185:CYS:SG	6	4.65
(1,3)	3:A:3:PCW:P	2:B:1:MET:C	6	4.65
(1,3)	3:A:3:PCW:P	2:B:1:MET:CA	6	4.65
(1,3)	3:A:3:PCW:P	2:B:1:MET:CB	6	4.65
(1,3)	3:A:3:PCW:P	2:B:1:MET:CE	6	4.65
(1,3)	3:A:3:PCW:P	2:B:1:MET:CG	6	4.65
(1,3)	3:A:3:PCW:P	2:B:1:MET:H	6	4.65
(1,3)	3:A:3:PCW:P	2:B:1:MET:N	6	4.65
(1,3)	3:A:3:PCW:P	2:B:1:MET:O	6	4.65
(1,3)	3:A:3:PCW:P	2:B:1:MET:SD	6	4.65
(1,3)	3:A:3:PCW:P	2:B:2:THR:C	6	4.65
(1,3)	3:A:3:PCW:P	2:B:2:THR:CA	6	4.65
(1,3)	3:A:3:PCW:P	2:B:2:THR:CB	6	4.65
(1,3)	3:A:3:PCW:P	2:B:2:THR:CG2	6	4.65
(1,3)	3:A:3:PCW:P	2:B:2:THR:H	6	4.65
(1,3)	3:A:3:PCW:P	2:B:2:THR:HG1	6	4.65
(1,3)	3:A:3:PCW:P	2:B:2:THR:N	6	4.65
(1,3)	3:A:3:PCW:P	2:B:2:THR:O	6	4.65
(1,3)	3:A:3:PCW:P	2:B:2:THR:OG1	6	4.65
(1,3)	3:A:3:PCW:P	2:B:3:GLU:C	6	4.65
(1,3)	3:A:3:PCW:P	2:B:3:GLU:CA	6	4.65
(1,3)	3:A:3:PCW:P	2:B:3:GLU:CB	6	4.65
(1,3)	3:A:3:PCW:P	2:B:3:GLU:CD	6	4.65
(1,3)	3:A:3:PCW:P	2:B:3:GLU:CG	6	4.65
(1,3)	3:A:3:PCW:P	2:B:3:GLU:H	6	4.65
(1,3)	3:A:3:PCW:P	2:B:3:GLU:N	6	4.65
(1,3)	3:A:3:PCW:P	2:B:3:GLU:O	6	4.65
(1,3)	3:A:3:PCW:P	2:B:3:GLU:OE1	6	4.65
(1,3)	3:A:3:PCW:P	2:B:3:GLU:OE2	6	4.65
(1,3)	3:A:3:PCW:P	2:B:4:TYR:C	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:P	2:B:4:TYR:CA	6	4.65
(1,3)	3:A:3:PCW:P	2:B:4:TYR:CB	6	4.65
(1,3)	3:A:3:PCW:P	2:B:4:TYR:CD1	6	4.65
(1,3)	3:A:3:PCW:P	2:B:4:TYR:CD2	6	4.65
(1,3)	3:A:3:PCW:P	2:B:4:TYR:CE1	6	4.65
(1,3)	3:A:3:PCW:P	2:B:4:TYR:CE2	6	4.65
(1,3)	3:A:3:PCW:P	2:B:4:TYR:CG	6	4.65
(1,3)	3:A:3:PCW:P	2:B:4:TYR:CZ	6	4.65
(1,3)	3:A:3:PCW:P	2:B:4:TYR:H	6	4.65
(1,3)	3:A:3:PCW:P	2:B:4:TYR:HH	6	4.65
(1,3)	3:A:3:PCW:P	2:B:4:TYR:N	6	4.65
(1,3)	3:A:3:PCW:P	2:B:4:TYR:O	6	4.65
(1,3)	3:A:3:PCW:P	2:B:4:TYR:OH	6	4.65
(1,3)	3:A:3:PCW:P	2:B:47:ASP:C	6	4.65
(1,3)	3:A:3:PCW:P	2:B:47:ASP:CA	6	4.65
(1,3)	3:A:3:PCW:P	2:B:47:ASP:CB	6	4.65
(1,3)	3:A:3:PCW:P	2:B:47:ASP:CG	6	4.65
(1,3)	3:A:3:PCW:P	2:B:47:ASP:H	6	4.65
(1,3)	3:A:3:PCW:P	2:B:47:ASP:N	6	4.65
(1,3)	3:A:3:PCW:P	2:B:47:ASP:O	6	4.65
(1,3)	3:A:3:PCW:P	2:B:47:ASP:OD1	6	4.65
(1,3)	3:A:3:PCW:P	2:B:47:ASP:OD2	6	4.65
(1,3)	3:A:3:PCW:P	2:B:48:GLY:C	6	4.65
(1,3)	3:A:3:PCW:P	2:B:48:GLY:CA	6	4.65
(1,3)	3:A:3:PCW:P	2:B:48:GLY:H	6	4.65
(1,3)	3:A:3:PCW:P	2:B:48:GLY:N	6	4.65
(1,3)	3:A:3:PCW:P	2:B:48:GLY:O	6	4.65
(1,3)	3:A:3:PCW:P	2:B:49:GLU:C	6	4.65
(1,3)	3:A:3:PCW:P	2:B:49:GLU:CA	6	4.65
(1,3)	3:A:3:PCW:P	2:B:49:GLU:CB	6	4.65
(1,3)	3:A:3:PCW:P	2:B:49:GLU:CD	6	4.65
(1,3)	3:A:3:PCW:P	2:B:49:GLU:CG	6	4.65
(1,3)	3:A:3:PCW:P	2:B:49:GLU:H	6	4.65
(1,3)	3:A:3:PCW:P	2:B:49:GLU:N	6	4.65
(1,3)	3:A:3:PCW:P	2:B:49:GLU:O	6	4.65
(1,3)	3:A:3:PCW:P	2:B:49:GLU:OE1	6	4.65
(1,3)	3:A:3:PCW:P	2:B:49:GLU:OE2	6	4.65
(1,3)	3:A:3:PCW:P	2:B:50:THR:C	6	4.65
(1,3)	3:A:3:PCW:P	2:B:50:THR:CA	6	4.65
(1,3)	3:A:3:PCW:P	2:B:50:THR:CB	6	4.65
(1,3)	3:A:3:PCW:P	2:B:50:THR:CG2	6	4.65
(1,3)	3:A:3:PCW:P	2:B:50:THR:H	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:P	2:B:50:THR:HG1	6	4.65
(1,3)	3:A:3:PCW:P	2:B:50:THR:N	6	4.65
(1,3)	3:A:3:PCW:P	2:B:50:THR:O	6	4.65
(1,3)	3:A:3:PCW:P	2:B:50:THR:OG1	6	4.65
(1,3)	3:A:3:PCW:P	2:B:51:CYS:C	6	4.65
(1,3)	3:A:3:PCW:P	2:B:51:CYS:CA	6	4.65
(1,3)	3:A:3:PCW:P	2:B:51:CYS:CB	6	4.65
(1,3)	3:A:3:PCW:P	2:B:51:CYS:H	6	4.65
(1,3)	3:A:3:PCW:P	2:B:51:CYS:HG	6	4.65
(1,3)	3:A:3:PCW:P	2:B:51:CYS:N	6	4.65
(1,3)	3:A:3:PCW:P	2:B:51:CYS:O	6	4.65
(1,3)	3:A:3:PCW:P	2:B:51:CYS:SG	6	4.65
(1,3)	3:A:3:PCW:P	2:B:105:ASP:C	6	4.65
(1,3)	3:A:3:PCW:P	2:B:105:ASP:CA	6	4.65
(1,3)	3:A:3:PCW:P	2:B:105:ASP:CB	6	4.65
(1,3)	3:A:3:PCW:P	2:B:105:ASP:CG	6	4.65
(1,3)	3:A:3:PCW:P	2:B:105:ASP:H	6	4.65
(1,3)	3:A:3:PCW:P	2:B:105:ASP:N	6	4.65
(1,3)	3:A:3:PCW:P	2:B:105:ASP:O	6	4.65
(1,3)	3:A:3:PCW:P	2:B:105:ASP:OD1	6	4.65
(1,3)	3:A:3:PCW:P	2:B:105:ASP:OD2	6	4.65
(1,3)	3:A:3:PCW:P	2:B:106:SER:C	6	4.65
(1,3)	3:A:3:PCW:P	2:B:106:SER:CA	6	4.65
(1,3)	3:A:3:PCW:P	2:B:106:SER:CB	6	4.65
(1,3)	3:A:3:PCW:P	2:B:106:SER:H	6	4.65
(1,3)	3:A:3:PCW:P	2:B:106:SER:HG	6	4.65
(1,3)	3:A:3:PCW:P	2:B:106:SER:N	6	4.65
(1,3)	3:A:3:PCW:P	2:B:106:SER:O	6	4.65
(1,3)	3:A:3:PCW:P	2:B:106:SER:OG	6	4.65
(1,3)	3:A:3:PCW:P	2:B:107:GLU:C	6	4.65
(1,3)	3:A:3:PCW:P	2:B:107:GLU:CA	6	4.65
(1,3)	3:A:3:PCW:P	2:B:107:GLU:CB	6	4.65
(1,3)	3:A:3:PCW:P	2:B:107:GLU:CD	6	4.65
(1,3)	3:A:3:PCW:P	2:B:107:GLU:CG	6	4.65
(1,3)	3:A:3:PCW:P	2:B:107:GLU:H	6	4.65
(1,3)	3:A:3:PCW:P	2:B:107:GLU:N	6	4.65
(1,3)	3:A:3:PCW:P	2:B:107:GLU:O	6	4.65
(1,3)	3:A:3:PCW:P	2:B:107:GLU:OE1	6	4.65
(1,3)	3:A:3:PCW:P	2:B:107:GLU:OE2	6	4.65
(1,3)	3:A:3:PCW:P	2:B:132:ASP:C	6	4.65
(1,3)	3:A:3:PCW:P	2:B:132:ASP:CA	6	4.65
(1,3)	3:A:3:PCW:P	2:B:132:ASP:CB	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:P	2:B:132:ASP:CG	6	4.65
(1,3)	3:A:3:PCW:P	2:B:132:ASP:H	6	4.65
(1,3)	3:A:3:PCW:P	2:B:132:ASP:N	6	4.65
(1,3)	3:A:3:PCW:P	2:B:132:ASP:O	6	4.65
(1,3)	3:A:3:PCW:P	2:B:132:ASP:OD1	6	4.65
(1,3)	3:A:3:PCW:P	2:B:132:ASP:OD2	6	4.65
(1,3)	3:A:3:PCW:P	2:B:133:LEU:C	6	4.65
(1,3)	3:A:3:PCW:P	2:B:133:LEU:CA	6	4.65
(1,3)	3:A:3:PCW:P	2:B:133:LEU:CB	6	4.65
(1,3)	3:A:3:PCW:P	2:B:133:LEU:CD1	6	4.65
(1,3)	3:A:3:PCW:P	2:B:133:LEU:CD2	6	4.65
(1,3)	3:A:3:PCW:P	2:B:133:LEU:CG	6	4.65
(1,3)	3:A:3:PCW:P	2:B:133:LEU:H	6	4.65
(1,3)	3:A:3:PCW:P	2:B:133:LEU:N	6	4.65
(1,3)	3:A:3:PCW:P	2:B:133:LEU:O	6	4.65
(1,3)	3:A:3:PCW:P	2:B:134:ALA:C	6	4.65
(1,3)	3:A:3:PCW:P	2:B:134:ALA:CA	6	4.65
(1,3)	3:A:3:PCW:P	2:B:134:ALA:CB	6	4.65
(1,3)	3:A:3:PCW:P	2:B:134:ALA:H	6	4.65
(1,3)	3:A:3:PCW:P	2:B:134:ALA:N	6	4.65
(1,3)	3:A:3:PCW:P	2:B:134:ALA:O	6	4.65
(1,3)	3:A:3:PCW:P	2:B:137:TYR:C	6	4.65
(1,3)	3:A:3:PCW:P	2:B:137:TYR:CA	6	4.65
(1,3)	3:A:3:PCW:P	2:B:137:TYR:CB	6	4.65
(1,3)	3:A:3:PCW:P	2:B:137:TYR:CD1	6	4.65
(1,3)	3:A:3:PCW:P	2:B:137:TYR:CD2	6	4.65
(1,3)	3:A:3:PCW:P	2:B:137:TYR:CE1	6	4.65
(1,3)	3:A:3:PCW:P	2:B:137:TYR:CE2	6	4.65
(1,3)	3:A:3:PCW:P	2:B:137:TYR:CG	6	4.65
(1,3)	3:A:3:PCW:P	2:B:137:TYR:CZ	6	4.65
(1,3)	3:A:3:PCW:P	2:B:137:TYR:H	6	4.65
(1,3)	3:A:3:PCW:P	2:B:137:TYR:HH	6	4.65
(1,3)	3:A:3:PCW:P	2:B:137:TYR:N	6	4.65
(1,3)	3:A:3:PCW:P	2:B:137:TYR:O	6	4.65
(1,3)	3:A:3:PCW:P	2:B:137:TYR:OH	6	4.65
(1,3)	3:A:3:PCW:P	2:B:138:GLY:C	6	4.65
(1,3)	3:A:3:PCW:P	2:B:138:GLY:CA	6	4.65
(1,3)	3:A:3:PCW:P	2:B:138:GLY:H	6	4.65
(1,3)	3:A:3:PCW:P	2:B:138:GLY:N	6	4.65
(1,3)	3:A:3:PCW:P	2:B:138:GLY:O	6	4.65
(1,3)	3:A:3:PCW:P	2:B:139:ILE:C	6	4.65
(1,3)	3:A:3:PCW:P	2:B:139:ILE:CA	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:P	2:B:139:ILE:CB	6	4.65
(1,3)	3:A:3:PCW:P	2:B:139:ILE:CD1	6	4.65
(1,3)	3:A:3:PCW:P	2:B:139:ILE:CG1	6	4.65
(1,3)	3:A:3:PCW:P	2:B:139:ILE:CG2	6	4.65
(1,3)	3:A:3:PCW:P	2:B:139:ILE:H	6	4.65
(1,3)	3:A:3:PCW:P	2:B:139:ILE:N	6	4.65
(1,3)	3:A:3:PCW:P	2:B:139:ILE:O	6	4.65
(1,3)	3:A:3:PCW:P	2:B:140:PRO:C	6	4.65
(1,3)	3:A:3:PCW:P	2:B:140:PRO:CA	6	4.65
(1,3)	3:A:3:PCW:P	2:B:140:PRO:CB	6	4.65
(1,3)	3:A:3:PCW:P	2:B:140:PRO:CD	6	4.65
(1,3)	3:A:3:PCW:P	2:B:140:PRO:CG	6	4.65
(1,3)	3:A:3:PCW:P	2:B:140:PRO:N	6	4.65
(1,3)	3:A:3:PCW:P	2:B:140:PRO:O	6	4.65
(1,3)	3:A:3:PCW:P	2:B:141:PHE:C	6	4.65
(1,3)	3:A:3:PCW:P	2:B:141:PHE:CA	6	4.65
(1,3)	3:A:3:PCW:P	2:B:141:PHE:CB	6	4.65
(1,3)	3:A:3:PCW:P	2:B:141:PHE:CD1	6	4.65
(1,3)	3:A:3:PCW:P	2:B:141:PHE:CD2	6	4.65
(1,3)	3:A:3:PCW:P	2:B:141:PHE:CE1	6	4.65
(1,3)	3:A:3:PCW:P	2:B:141:PHE:CE2	6	4.65
(1,3)	3:A:3:PCW:P	2:B:141:PHE:CG	6	4.65
(1,3)	3:A:3:PCW:P	2:B:141:PHE:CZ	6	4.65
(1,3)	3:A:3:PCW:P	2:B:141:PHE:H	6	4.65
(1,3)	3:A:3:PCW:P	2:B:141:PHE:N	6	4.65
(1,3)	3:A:3:PCW:P	2:B:141:PHE:O	6	4.65
(1,3)	3:A:3:PCW:P	2:B:142:ILE:C	6	4.65
(1,3)	3:A:3:PCW:P	2:B:142:ILE:CA	6	4.65
(1,3)	3:A:3:PCW:P	2:B:142:ILE:CB	6	4.65
(1,3)	3:A:3:PCW:P	2:B:142:ILE:CD1	6	4.65
(1,3)	3:A:3:PCW:P	2:B:142:ILE:CG1	6	4.65
(1,3)	3:A:3:PCW:P	2:B:142:ILE:CG2	6	4.65
(1,3)	3:A:3:PCW:P	2:B:142:ILE:H	6	4.65
(1,3)	3:A:3:PCW:P	2:B:142:ILE:N	6	4.65
(1,3)	3:A:3:PCW:P	2:B:142:ILE:O	6	4.65
(1,3)	3:A:3:PCW:P	2:B:143:GLU:C	6	4.65
(1,3)	3:A:3:PCW:P	2:B:143:GLU:CA	6	4.65
(1,3)	3:A:3:PCW:P	2:B:143:GLU:CB	6	4.65
(1,3)	3:A:3:PCW:P	2:B:143:GLU:CD	6	4.65
(1,3)	3:A:3:PCW:P	2:B:143:GLU:CG	6	4.65
(1,3)	3:A:3:PCW:P	2:B:143:GLU:H	6	4.65
(1,3)	3:A:3:PCW:P	2:B:143:GLU:N	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:P	2:B:143:GLU:O	6	4.65
(1,3)	3:A:3:PCW:P	2:B:143:GLU:OE1	6	4.65
(1,3)	3:A:3:PCW:P	2:B:143:GLU:OE2	6	4.65
(1,3)	3:A:3:PCW:P	2:B:158:THR:C	6	4.65
(1,3)	3:A:3:PCW:P	2:B:158:THR:CA	6	4.65
(1,3)	3:A:3:PCW:P	2:B:158:THR:CB	6	4.65
(1,3)	3:A:3:PCW:P	2:B:158:THR:CG2	6	4.65
(1,3)	3:A:3:PCW:P	2:B:158:THR:H	6	4.65
(1,3)	3:A:3:PCW:P	2:B:158:THR:HG1	6	4.65
(1,3)	3:A:3:PCW:P	2:B:158:THR:N	6	4.65
(1,3)	3:A:3:PCW:P	2:B:158:THR:O	6	4.65
(1,3)	3:A:3:PCW:P	2:B:158:THR:OG1	6	4.65
(1,3)	3:A:3:PCW:P	2:B:159:LEU:C	6	4.65
(1,3)	3:A:3:PCW:P	2:B:159:LEU:CA	6	4.65
(1,3)	3:A:3:PCW:P	2:B:159:LEU:CB	6	4.65
(1,3)	3:A:3:PCW:P	2:B:159:LEU:CD1	6	4.65
(1,3)	3:A:3:PCW:P	2:B:159:LEU:CD2	6	4.65
(1,3)	3:A:3:PCW:P	2:B:159:LEU:CG	6	4.65
(1,3)	3:A:3:PCW:P	2:B:159:LEU:H	6	4.65
(1,3)	3:A:3:PCW:P	2:B:159:LEU:N	6	4.65
(1,3)	3:A:3:PCW:P	2:B:159:LEU:O	6	4.65
(1,3)	3:A:3:PCW:P	2:B:160:VAL:C	6	4.65
(1,3)	3:A:3:PCW:P	2:B:160:VAL:CA	6	4.65
(1,3)	3:A:3:PCW:P	2:B:160:VAL:CB	6	4.65
(1,3)	3:A:3:PCW:P	2:B:160:VAL:CG1	6	4.65
(1,3)	3:A:3:PCW:P	2:B:160:VAL:CG2	6	4.65
(1,3)	3:A:3:PCW:P	2:B:160:VAL:H	6	4.65
(1,3)	3:A:3:PCW:P	2:B:160:VAL:N	6	4.65
(1,3)	3:A:3:PCW:P	2:B:160:VAL:O	6	4.65
(1,3)	3:A:3:PCW:P	2:B:170:MET:C	6	4.65
(1,3)	3:A:3:PCW:P	2:B:170:MET:CA	6	4.65
(1,3)	3:A:3:PCW:P	2:B:170:MET:CB	6	4.65
(1,3)	3:A:3:PCW:P	2:B:170:MET:CE	6	4.65
(1,3)	3:A:3:PCW:P	2:B:170:MET:CG	6	4.65
(1,3)	3:A:3:PCW:P	2:B:170:MET:H	6	4.65
(1,3)	3:A:3:PCW:P	2:B:170:MET:N	6	4.65
(1,3)	3:A:3:PCW:P	2:B:170:MET:O	6	4.65
(1,3)	3:A:3:PCW:P	2:B:170:MET:SD	6	4.65
(1,3)	3:A:3:PCW:P	2:B:171:SER:C	6	4.65
(1,3)	3:A:3:PCW:P	2:B:171:SER:CA	6	4.65
(1,3)	3:A:3:PCW:P	2:B:171:SER:CB	6	4.65
(1,3)	3:A:3:PCW:P	2:B:171:SER:H	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:P	2:B:171:SER:HG	6	4.65
(1,3)	3:A:3:PCW:P	2:B:171:SER:N	6	4.65
(1,3)	3:A:3:PCW:P	2:B:171:SER:O	6	4.65
(1,3)	3:A:3:PCW:P	2:B:171:SER:OG	6	4.65
(1,3)	3:A:3:PCW:P	2:B:172:LYS:C	6	4.65
(1,3)	3:A:3:PCW:P	2:B:172:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:P	2:B:172:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:P	2:B:172:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:P	2:B:172:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:P	2:B:172:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:P	2:B:172:LYS:H	6	4.65
(1,3)	3:A:3:PCW:P	2:B:172:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:P	2:B:172:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:P	2:B:172:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:P	2:B:172:LYS:N	6	4.65
(1,3)	3:A:3:PCW:P	2:B:172:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:P	2:B:172:LYS:O	6	4.65
(1,3)	3:A:3:PCW:P	2:B:173:ASP:C	6	4.65
(1,3)	3:A:3:PCW:P	2:B:173:ASP:CA	6	4.65
(1,3)	3:A:3:PCW:P	2:B:173:ASP:CB	6	4.65
(1,3)	3:A:3:PCW:P	2:B:173:ASP:CG	6	4.65
(1,3)	3:A:3:PCW:P	2:B:173:ASP:H	6	4.65
(1,3)	3:A:3:PCW:P	2:B:173:ASP:N	6	4.65
(1,3)	3:A:3:PCW:P	2:B:173:ASP:O	6	4.65
(1,3)	3:A:3:PCW:P	2:B:173:ASP:OD1	6	4.65
(1,3)	3:A:3:PCW:P	2:B:173:ASP:OD2	6	4.65
(1,3)	3:A:3:PCW:P	2:B:174:GLY:C	6	4.65
(1,3)	3:A:3:PCW:P	2:B:174:GLY:CA	6	4.65
(1,3)	3:A:3:PCW:P	2:B:174:GLY:H	6	4.65
(1,3)	3:A:3:PCW:P	2:B:174:GLY:N	6	4.65
(1,3)	3:A:3:PCW:P	2:B:174:GLY:O	6	4.65
(1,3)	3:A:3:PCW:P	2:B:175:LYS:C	6	4.65
(1,3)	3:A:3:PCW:P	2:B:175:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:P	2:B:175:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:P	2:B:175:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:P	2:B:175:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:P	2:B:175:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:P	2:B:175:LYS:H	6	4.65
(1,3)	3:A:3:PCW:P	2:B:175:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:P	2:B:175:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:P	2:B:175:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:P	2:B:175:LYS:N	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:P	2:B:175:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:P	2:B:175:LYS:O	6	4.65
(1,3)	3:A:3:PCW:P	2:B:176:LYS:C	6	4.65
(1,3)	3:A:3:PCW:P	2:B:176:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:P	2:B:176:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:P	2:B:176:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:P	2:B:176:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:P	2:B:176:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:P	2:B:176:LYS:H	6	4.65
(1,3)	3:A:3:PCW:P	2:B:176:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:P	2:B:176:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:P	2:B:176:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:P	2:B:176:LYS:N	6	4.65
(1,3)	3:A:3:PCW:P	2:B:176:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:P	2:B:176:LYS:O	6	4.65
(1,3)	3:A:3:PCW:P	2:B:177:LYS:C	6	4.65
(1,3)	3:A:3:PCW:P	2:B:177:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:P	2:B:177:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:P	2:B:177:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:P	2:B:177:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:P	2:B:177:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:P	2:B:177:LYS:H	6	4.65
(1,3)	3:A:3:PCW:P	2:B:177:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:P	2:B:177:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:P	2:B:177:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:P	2:B:177:LYS:N	6	4.65
(1,3)	3:A:3:PCW:P	2:B:177:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:P	2:B:177:LYS:O	6	4.65
(1,3)	3:A:3:PCW:P	2:B:178:LYS:C	6	4.65
(1,3)	3:A:3:PCW:P	2:B:178:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:P	2:B:178:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:P	2:B:178:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:P	2:B:178:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:P	2:B:178:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:P	2:B:178:LYS:H	6	4.65
(1,3)	3:A:3:PCW:P	2:B:178:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:P	2:B:178:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:P	2:B:178:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:P	2:B:178:LYS:N	6	4.65
(1,3)	3:A:3:PCW:P	2:B:178:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:P	2:B:178:LYS:O	6	4.65
(1,3)	3:A:3:PCW:P	2:B:184:LYS:C	6	4.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3)	3:A:3:PCW:P	2:B:184:LYS:CA	6	4.65
(1,3)	3:A:3:PCW:P	2:B:184:LYS:CB	6	4.65
(1,3)	3:A:3:PCW:P	2:B:184:LYS:CD	6	4.65
(1,3)	3:A:3:PCW:P	2:B:184:LYS:CE	6	4.65
(1,3)	3:A:3:PCW:P	2:B:184:LYS:CG	6	4.65
(1,3)	3:A:3:PCW:P	2:B:184:LYS:H	6	4.65
(1,3)	3:A:3:PCW:P	2:B:184:LYS:HZ1	6	4.65
(1,3)	3:A:3:PCW:P	2:B:184:LYS:HZ2	6	4.65
(1,3)	3:A:3:PCW:P	2:B:184:LYS:HZ3	6	4.65
(1,3)	3:A:3:PCW:P	2:B:184:LYS:N	6	4.65
(1,3)	3:A:3:PCW:P	2:B:184:LYS:NZ	6	4.65
(1,3)	3:A:3:PCW:P	2:B:184:LYS:O	6	4.65
(1,3)	3:A:3:PCW:P	2:B:185:CYS:C	6	4.65
(1,3)	3:A:3:PCW:P	2:B:185:CYS:CA	6	4.65
(1,3)	3:A:3:PCW:P	2:B:185:CYS:CB	6	4.65
(1,3)	3:A:3:PCW:P	2:B:185:CYS:H	6	4.65
(1,3)	3:A:3:PCW:P	2:B:185:CYS:HG	6	4.65
(1,3)	3:A:3:PCW:P	2:B:185:CYS:N	6	4.65
(1,3)	3:A:3:PCW:P	2:B:185:CYS:O	6	4.65
(1,3)	3:A:3:PCW:P	2:B:185:CYS:SG	6	4.65
(1,57)	2:B:185:CYS:C	3:A:1:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:1:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:C	3:A:1:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:C	3:A:1:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:C	3:A:1:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:C	3:A:1:PCW:N	7	4.47
(1,57)	2:B:185:CYS:C	3:A:1:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:1:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:C	3:A:1:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:C	3:A:1:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:C	3:A:1:PCW:P	7	4.47
(1,57)	2:B:185:CYS:C	3:A:2:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:2:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:C	3:A:2:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:C	3:A:2:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:C	3:A:2:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:C	3:A:2:PCW:N	7	4.47
(1,57)	2:B:185:CYS:C	3:A:2:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:2:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:C	3:A:2:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:C	3:A:2:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:C	3:A:2:PCW:P	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:C	3:A:3:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:3:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:C	3:A:3:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:C	3:A:3:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:C	3:A:3:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:C	3:A:3:PCW:N	7	4.47
(1,57)	2:B:185:CYS:C	3:A:3:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:3:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:C	3:A:3:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:C	3:A:3:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:C	3:A:3:PCW:P	7	4.47
(1,57)	2:B:185:CYS:C	3:A:4:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:4:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:C	3:A:4:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:C	3:A:4:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:C	3:A:4:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:C	3:A:4:PCW:N	7	4.47
(1,57)	2:B:185:CYS:C	3:A:4:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:4:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:C	3:A:4:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:C	3:A:4:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:C	3:A:4:PCW:P	7	4.47
(1,57)	2:B:185:CYS:C	3:A:5:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:5:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:C	3:A:5:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:C	3:A:5:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:C	3:A:5:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:C	3:A:5:PCW:N	7	4.47
(1,57)	2:B:185:CYS:C	3:A:5:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:5:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:C	3:A:5:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:C	3:A:5:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:C	3:A:5:PCW:P	7	4.47
(1,57)	2:B:185:CYS:C	3:A:6:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:6:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:C	3:A:6:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:C	3:A:6:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:C	3:A:6:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:C	3:A:6:PCW:N	7	4.47
(1,57)	2:B:185:CYS:C	3:A:6:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:6:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:C	3:A:6:PCW:O3	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:C	3:A:6:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:C	3:A:6:PCW:P	7	4.47
(1,57)	2:B:185:CYS:C	3:A:7:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:7:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:C	3:A:7:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:C	3:A:7:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:C	3:A:7:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:C	3:A:7:PCW:N	7	4.47
(1,57)	2:B:185:CYS:C	3:A:7:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:7:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:C	3:A:7:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:C	3:A:7:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:C	3:A:7:PCW:P	7	4.47
(1,57)	2:B:185:CYS:C	3:A:8:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:8:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:C	3:A:8:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:C	3:A:8:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:C	3:A:8:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:C	3:A:8:PCW:N	7	4.47
(1,57)	2:B:185:CYS:C	3:A:8:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:8:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:C	3:A:8:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:C	3:A:8:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:C	3:A:8:PCW:P	7	4.47
(1,57)	2:B:185:CYS:C	3:A:9:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:9:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:C	3:A:9:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:C	3:A:9:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:C	3:A:9:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:C	3:A:9:PCW:N	7	4.47
(1,57)	2:B:185:CYS:C	3:A:9:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:9:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:C	3:A:9:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:C	3:A:9:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:C	3:A:9:PCW:P	7	4.47
(1,57)	2:B:185:CYS:C	3:A:10:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:10:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:C	3:A:10:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:C	3:A:10:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:C	3:A:10:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:C	3:A:10:PCW:N	7	4.47
(1,57)	2:B:185:CYS:C	3:A:10:PCW:O11	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:C	3:A:10:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:C	3:A:10:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:C	3:A:10:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:C	3:A:10:PCW:P	7	4.47
(1,57)	2:B:185:CYS:C	3:A:11:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:11:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:C	3:A:11:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:C	3:A:11:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:C	3:A:11:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:C	3:A:11:PCW:N	7	4.47
(1,57)	2:B:185:CYS:C	3:A:11:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:11:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:C	3:A:11:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:C	3:A:11:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:C	3:A:11:PCW:P	7	4.47
(1,57)	2:B:185:CYS:C	3:A:12:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:12:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:C	3:A:12:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:C	3:A:12:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:C	3:A:12:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:C	3:A:12:PCW:N	7	4.47
(1,57)	2:B:185:CYS:C	3:A:12:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:12:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:C	3:A:12:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:C	3:A:12:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:C	3:A:12:PCW:P	7	4.47
(1,57)	2:B:185:CYS:C	3:A:13:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:13:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:C	3:A:13:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:C	3:A:13:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:C	3:A:13:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:C	3:A:13:PCW:N	7	4.47
(1,57)	2:B:185:CYS:C	3:A:13:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:13:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:C	3:A:13:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:C	3:A:13:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:C	3:A:13:PCW:P	7	4.47
(1,57)	2:B:185:CYS:C	3:A:14:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:14:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:C	3:A:14:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:C	3:A:14:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:C	3:A:14:PCW:C15	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:C	3:A:14:PCW:N	7	4.47
(1,57)	2:B:185:CYS:C	3:A:14:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:14:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:C	3:A:14:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:C	3:A:14:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:C	3:A:14:PCW:P	7	4.47
(1,57)	2:B:185:CYS:C	3:A:15:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:15:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:C	3:A:15:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:C	3:A:15:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:C	3:A:15:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:C	3:A:15:PCW:N	7	4.47
(1,57)	2:B:185:CYS:C	3:A:15:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:15:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:C	3:A:15:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:C	3:A:15:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:C	3:A:15:PCW:P	7	4.47
(1,57)	2:B:185:CYS:C	3:A:16:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:16:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:C	3:A:16:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:C	3:A:16:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:C	3:A:16:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:C	3:A:16:PCW:N	7	4.47
(1,57)	2:B:185:CYS:C	3:A:16:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:16:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:C	3:A:16:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:C	3:A:16:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:C	3:A:16:PCW:P	7	4.47
(1,57)	2:B:185:CYS:C	3:A:17:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:17:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:C	3:A:17:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:C	3:A:17:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:C	3:A:17:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:C	3:A:17:PCW:N	7	4.47
(1,57)	2:B:185:CYS:C	3:A:17:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:17:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:C	3:A:17:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:C	3:A:17:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:C	3:A:17:PCW:P	7	4.47
(1,57)	2:B:185:CYS:C	3:A:18:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:18:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:C	3:A:18:PCW:C13	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:C	3:A:18:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:C	3:A:18:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:C	3:A:18:PCW:N	7	4.47
(1,57)	2:B:185:CYS:C	3:A:18:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:18:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:C	3:A:18:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:C	3:A:18:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:C	3:A:18:PCW:P	7	4.47
(1,57)	2:B:185:CYS:C	3:A:19:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:19:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:C	3:A:19:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:C	3:A:19:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:C	3:A:19:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:C	3:A:19:PCW:N	7	4.47
(1,57)	2:B:185:CYS:C	3:A:19:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:19:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:C	3:A:19:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:C	3:A:19:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:C	3:A:19:PCW:P	7	4.47
(1,57)	2:B:185:CYS:C	3:A:20:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:20:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:C	3:A:20:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:C	3:A:20:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:C	3:A:20:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:C	3:A:20:PCW:N	7	4.47
(1,57)	2:B:185:CYS:C	3:A:20:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:20:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:C	3:A:20:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:C	3:A:20:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:C	3:A:20:PCW:P	7	4.47
(1,57)	2:B:185:CYS:C	3:A:21:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:21:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:C	3:A:21:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:C	3:A:21:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:C	3:A:21:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:C	3:A:21:PCW:N	7	4.47
(1,57)	2:B:185:CYS:C	3:A:21:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:21:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:C	3:A:21:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:C	3:A:21:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:C	3:A:21:PCW:P	7	4.47
(1,57)	2:B:185:CYS:C	3:A:22:PCW:C11	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:C	3:A:22:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:C	3:A:22:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:C	3:A:22:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:C	3:A:22:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:C	3:A:22:PCW:N	7	4.47
(1,57)	2:B:185:CYS:C	3:A:22:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:22:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:C	3:A:22:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:C	3:A:22:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:C	3:A:22:PCW:P	7	4.47
(1,57)	2:B:185:CYS:C	3:A:23:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:23:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:C	3:A:23:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:C	3:A:23:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:C	3:A:23:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:C	3:A:23:PCW:N	7	4.47
(1,57)	2:B:185:CYS:C	3:A:23:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:23:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:C	3:A:23:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:C	3:A:23:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:C	3:A:23:PCW:P	7	4.47
(1,57)	2:B:185:CYS:C	3:A:24:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:24:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:C	3:A:24:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:C	3:A:24:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:C	3:A:24:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:C	3:A:24:PCW:N	7	4.47
(1,57)	2:B:185:CYS:C	3:A:24:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:24:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:C	3:A:24:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:C	3:A:24:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:C	3:A:24:PCW:P	7	4.47
(1,57)	2:B:185:CYS:C	3:A:25:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:25:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:C	3:A:25:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:C	3:A:25:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:C	3:A:25:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:C	3:A:25:PCW:N	7	4.47
(1,57)	2:B:185:CYS:C	3:A:25:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:25:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:C	3:A:25:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:C	3:A:25:PCW:O31	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:C	3:A:25:PCW:P	7	4.47
(1,57)	2:B:185:CYS:C	3:A:26:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:26:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:C	3:A:26:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:C	3:A:26:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:C	3:A:26:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:C	3:A:26:PCW:N	7	4.47
(1,57)	2:B:185:CYS:C	3:A:26:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:26:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:C	3:A:26:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:C	3:A:26:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:C	3:A:26:PCW:P	7	4.47
(1,57)	2:B:185:CYS:C	3:A:27:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:27:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:C	3:A:27:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:C	3:A:27:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:C	3:A:27:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:C	3:A:27:PCW:N	7	4.47
(1,57)	2:B:185:CYS:C	3:A:27:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:27:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:C	3:A:27:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:C	3:A:27:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:C	3:A:27:PCW:P	7	4.47
(1,57)	2:B:185:CYS:C	3:A:28:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:28:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:C	3:A:28:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:C	3:A:28:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:C	3:A:28:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:C	3:A:28:PCW:N	7	4.47
(1,57)	2:B:185:CYS:C	3:A:28:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:28:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:C	3:A:28:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:C	3:A:28:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:C	3:A:28:PCW:P	7	4.47
(1,57)	2:B:185:CYS:C	3:A:29:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:29:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:C	3:A:29:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:C	3:A:29:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:C	3:A:29:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:C	3:A:29:PCW:N	7	4.47
(1,57)	2:B:185:CYS:C	3:A:29:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:29:PCW:O2	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:C	3:A:29:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:C	3:A:29:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:C	3:A:29:PCW:P	7	4.47
(1,57)	2:B:185:CYS:C	3:A:30:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:30:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:C	3:A:30:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:C	3:A:30:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:C	3:A:30:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:C	3:A:30:PCW:N	7	4.47
(1,57)	2:B:185:CYS:C	3:A:30:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:30:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:C	3:A:30:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:C	3:A:30:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:C	3:A:30:PCW:P	7	4.47
(1,57)	2:B:185:CYS:C	3:A:31:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:31:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:C	3:A:31:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:C	3:A:31:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:C	3:A:31:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:C	3:A:31:PCW:N	7	4.47
(1,57)	2:B:185:CYS:C	3:A:31:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:31:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:C	3:A:31:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:C	3:A:31:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:C	3:A:31:PCW:P	7	4.47
(1,57)	2:B:185:CYS:C	3:A:32:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:32:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:C	3:A:32:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:C	3:A:32:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:C	3:A:32:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:C	3:A:32:PCW:N	7	4.47
(1,57)	2:B:185:CYS:C	3:A:32:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:C	3:A:32:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:C	3:A:32:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:C	3:A:32:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:C	3:A:32:PCW:P	7	4.47
(1,57)	2:B:185:CYS:C	4:A:33:17F:C7	7	4.47
(1,57)	2:B:185:CYS:C	4:A:33:17F:C8	7	4.47
(1,57)	2:B:185:CYS:C	4:A:33:17F:C9	7	4.47
(1,57)	2:B:185:CYS:C	4:A:33:17F:N1	7	4.47
(1,57)	2:B:185:CYS:C	4:A:33:17F:O10	7	4.47
(1,57)	2:B:185:CYS:C	4:A:33:17F:O4	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:C	4:A:33:17F:O5	7	4.47
(1,57)	2:B:185:CYS:C	4:A:33:17F:O7	7	4.47
(1,57)	2:B:185:CYS:C	4:A:33:17F:O9	7	4.47
(1,57)	2:B:185:CYS:C	4:A:33:17F:P1	7	4.47
(1,57)	2:B:185:CYS:C	4:A:34:17F:C7	7	4.47
(1,57)	2:B:185:CYS:C	4:A:34:17F:C8	7	4.47
(1,57)	2:B:185:CYS:C	4:A:34:17F:C9	7	4.47
(1,57)	2:B:185:CYS:C	4:A:34:17F:N1	7	4.47
(1,57)	2:B:185:CYS:C	4:A:34:17F:O10	7	4.47
(1,57)	2:B:185:CYS:C	4:A:34:17F:O4	7	4.47
(1,57)	2:B:185:CYS:C	4:A:34:17F:O5	7	4.47
(1,57)	2:B:185:CYS:C	4:A:34:17F:O7	7	4.47
(1,57)	2:B:185:CYS:C	4:A:34:17F:O9	7	4.47
(1,57)	2:B:185:CYS:C	4:A:34:17F:P1	7	4.47
(1,57)	2:B:185:CYS:C	4:A:35:17F:C7	7	4.47
(1,57)	2:B:185:CYS:C	4:A:35:17F:C8	7	4.47
(1,57)	2:B:185:CYS:C	4:A:35:17F:C9	7	4.47
(1,57)	2:B:185:CYS:C	4:A:35:17F:N1	7	4.47
(1,57)	2:B:185:CYS:C	4:A:35:17F:O10	7	4.47
(1,57)	2:B:185:CYS:C	4:A:35:17F:O4	7	4.47
(1,57)	2:B:185:CYS:C	4:A:35:17F:O5	7	4.47
(1,57)	2:B:185:CYS:C	4:A:35:17F:O7	7	4.47
(1,57)	2:B:185:CYS:C	4:A:35:17F:O9	7	4.47
(1,57)	2:B:185:CYS:C	4:A:35:17F:P1	7	4.47
(1,57)	2:B:185:CYS:C	4:A:36:17F:C7	7	4.47
(1,57)	2:B:185:CYS:C	4:A:36:17F:C8	7	4.47
(1,57)	2:B:185:CYS:C	4:A:36:17F:C9	7	4.47
(1,57)	2:B:185:CYS:C	4:A:36:17F:N1	7	4.47
(1,57)	2:B:185:CYS:C	4:A:36:17F:O10	7	4.47
(1,57)	2:B:185:CYS:C	4:A:36:17F:O4	7	4.47
(1,57)	2:B:185:CYS:C	4:A:36:17F:O5	7	4.47
(1,57)	2:B:185:CYS:C	4:A:36:17F:O7	7	4.47
(1,57)	2:B:185:CYS:C	4:A:36:17F:O9	7	4.47
(1,57)	2:B:185:CYS:C	4:A:36:17F:P1	7	4.47
(1,57)	2:B:185:CYS:C	4:A:37:17F:C7	7	4.47
(1,57)	2:B:185:CYS:C	4:A:37:17F:C8	7	4.47
(1,57)	2:B:185:CYS:C	4:A:37:17F:C9	7	4.47
(1,57)	2:B:185:CYS:C	4:A:37:17F:N1	7	4.47
(1,57)	2:B:185:CYS:C	4:A:37:17F:O10	7	4.47
(1,57)	2:B:185:CYS:C	4:A:37:17F:O4	7	4.47
(1,57)	2:B:185:CYS:C	4:A:37:17F:O5	7	4.47
(1,57)	2:B:185:CYS:C	4:A:37:17F:O7	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:C	4:A:37:17F:O9	7	4.47
(1,57)	2:B:185:CYS:C	4:A:37:17F:P1	7	4.47
(1,57)	2:B:185:CYS:C	4:A:38:17F:C7	7	4.47
(1,57)	2:B:185:CYS:C	4:A:38:17F:C8	7	4.47
(1,57)	2:B:185:CYS:C	4:A:38:17F:C9	7	4.47
(1,57)	2:B:185:CYS:C	4:A:38:17F:N1	7	4.47
(1,57)	2:B:185:CYS:C	4:A:38:17F:O10	7	4.47
(1,57)	2:B:185:CYS:C	4:A:38:17F:O4	7	4.47
(1,57)	2:B:185:CYS:C	4:A:38:17F:O5	7	4.47
(1,57)	2:B:185:CYS:C	4:A:38:17F:O7	7	4.47
(1,57)	2:B:185:CYS:C	4:A:38:17F:O9	7	4.47
(1,57)	2:B:185:CYS:C	4:A:38:17F:P1	7	4.47
(1,57)	2:B:185:CYS:C	4:A:39:17F:C7	7	4.47
(1,57)	2:B:185:CYS:C	4:A:39:17F:C8	7	4.47
(1,57)	2:B:185:CYS:C	4:A:39:17F:C9	7	4.47
(1,57)	2:B:185:CYS:C	4:A:39:17F:N1	7	4.47
(1,57)	2:B:185:CYS:C	4:A:39:17F:O10	7	4.47
(1,57)	2:B:185:CYS:C	4:A:39:17F:O4	7	4.47
(1,57)	2:B:185:CYS:C	4:A:39:17F:O5	7	4.47
(1,57)	2:B:185:CYS:C	4:A:39:17F:O7	7	4.47
(1,57)	2:B:185:CYS:C	4:A:39:17F:O9	7	4.47
(1,57)	2:B:185:CYS:C	4:A:39:17F:P1	7	4.47
(1,57)	2:B:185:CYS:C	4:A:40:17F:C7	7	4.47
(1,57)	2:B:185:CYS:C	4:A:40:17F:C8	7	4.47
(1,57)	2:B:185:CYS:C	4:A:40:17F:C9	7	4.47
(1,57)	2:B:185:CYS:C	4:A:40:17F:N1	7	4.47
(1,57)	2:B:185:CYS:C	4:A:40:17F:O10	7	4.47
(1,57)	2:B:185:CYS:C	4:A:40:17F:O4	7	4.47
(1,57)	2:B:185:CYS:C	4:A:40:17F:O5	7	4.47
(1,57)	2:B:185:CYS:C	4:A:40:17F:O7	7	4.47
(1,57)	2:B:185:CYS:C	4:A:40:17F:O9	7	4.47
(1,57)	2:B:185:CYS:C	4:A:40:17F:P1	7	4.47
(1,57)	2:B:185:CYS:C	2:B:1:MET:N	7	4.47
(1,57)	2:B:185:CYS:C	2:B:2:THR:N	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:1:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:1:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:1:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:1:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:1:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:1:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:1:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:1:PCW:O2	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CA	3:A:1:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:1:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:1:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:2:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:2:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:2:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:2:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:2:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:2:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:2:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:2:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:2:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:2:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:2:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:3:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:3:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:3:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:3:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:3:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:3:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:3:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:3:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:3:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:3:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:3:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:4:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:4:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:4:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:4:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:4:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:4:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:4:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:4:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:4:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:4:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:4:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:5:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:5:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:5:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:5:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:5:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:5:PCW:N	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CA	3:A:5:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:5:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:5:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:5:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:5:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:6:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:6:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:6:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:6:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:6:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:6:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:6:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:6:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:6:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:6:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:6:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:7:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:7:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:7:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:7:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:7:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:7:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:7:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:7:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:7:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:7:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:7:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:8:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:8:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:8:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:8:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:8:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:8:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:8:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:8:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:8:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:8:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:8:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:9:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:9:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:9:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:9:PCW:C14	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CA	3:A:9:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:9:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:9:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:9:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:9:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:9:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:9:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:10:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:10:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:10:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:10:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:10:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:10:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:10:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:10:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:10:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:10:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:10:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:11:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:11:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:11:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:11:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:11:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:11:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:11:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:11:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:11:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:11:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:11:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:12:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:12:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:12:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:12:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:12:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:12:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:12:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:12:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:12:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:12:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:12:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:13:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:13:PCW:C12	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CA	3:A:13:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:13:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:13:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:13:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:13:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:13:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:13:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:13:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:13:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:14:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:14:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:14:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:14:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:14:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:14:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:14:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:14:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:14:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:14:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:14:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:15:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:15:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:15:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:15:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:15:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:15:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:15:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:15:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:15:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:15:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:15:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:16:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:16:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:16:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:16:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:16:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:16:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:16:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:16:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:16:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:16:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:16:PCW:P	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CA	3:A:17:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:17:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:17:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:17:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:17:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:17:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:17:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:17:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:17:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:17:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:17:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:18:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:18:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:18:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:18:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:18:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:18:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:18:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:18:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:18:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:18:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:18:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:19:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:19:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:19:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:19:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:19:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:19:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:19:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:19:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:19:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:19:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:19:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:20:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:20:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:20:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:20:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:20:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:20:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:20:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:20:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:20:PCW:O3	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CA	3:A:20:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:20:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:21:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:21:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:21:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:21:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:21:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:21:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:21:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:21:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:21:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:21:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:21:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:22:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:22:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:22:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:22:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:22:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:22:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:22:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:22:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:22:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:22:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:22:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:23:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:23:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:23:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:23:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:23:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:23:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:23:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:23:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:23:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:23:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:23:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:24:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:24:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:24:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:24:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:24:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:24:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:24:PCW:O11	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CA	3:A:24:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:24:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:24:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:24:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:25:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:25:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:25:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:25:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:25:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:25:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:25:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:25:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:25:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:25:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:25:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:26:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:26:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:26:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:26:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:26:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:26:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:26:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:26:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:26:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:26:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:26:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:27:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:27:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:27:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:27:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:27:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:27:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:27:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:27:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:27:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:27:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:27:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:28:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:28:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:28:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:28:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:28:PCW:C15	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CA	3:A:28:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:28:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:28:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:28:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:28:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:28:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:29:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:29:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:29:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:29:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:29:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:29:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:29:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:29:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:29:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:29:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:29:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:30:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:30:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:30:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:30:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:30:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:30:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:30:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:30:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:30:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:30:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:30:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:31:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:31:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:31:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:31:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:31:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:31:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:31:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:31:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:31:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:31:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:31:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:32:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:32:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:32:PCW:C13	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CA	3:A:32:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:32:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:32:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:32:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:32:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:32:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:32:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CA	3:A:32:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:33:17F:C7	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:33:17F:C8	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:33:17F:C9	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:33:17F:N1	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:33:17F:O10	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:33:17F:O4	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:33:17F:O5	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:33:17F:O7	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:33:17F:O9	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:33:17F:P1	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:34:17F:C7	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:34:17F:C8	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:34:17F:C9	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:34:17F:N1	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:34:17F:O10	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:34:17F:O4	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:34:17F:O5	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:34:17F:O7	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:34:17F:O9	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:34:17F:P1	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:35:17F:C7	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:35:17F:C8	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:35:17F:C9	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:35:17F:N1	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:35:17F:O10	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:35:17F:O4	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:35:17F:O5	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:35:17F:O7	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:35:17F:O9	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:35:17F:P1	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:36:17F:C7	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:36:17F:C8	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:36:17F:C9	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:36:17F:N1	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CA	4:A:36:17F:O10	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:36:17F:O4	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:36:17F:O5	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:36:17F:O7	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:36:17F:O9	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:36:17F:P1	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:37:17F:C7	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:37:17F:C8	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:37:17F:C9	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:37:17F:N1	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:37:17F:O10	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:37:17F:O4	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:37:17F:O5	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:37:17F:O7	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:37:17F:O9	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:37:17F:P1	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:38:17F:C7	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:38:17F:C8	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:38:17F:C9	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:38:17F:N1	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:38:17F:O10	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:38:17F:O4	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:38:17F:O5	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:38:17F:O7	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:38:17F:O9	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:38:17F:P1	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:39:17F:C7	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:39:17F:C8	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:39:17F:C9	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:39:17F:N1	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:39:17F:O10	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:39:17F:O4	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:39:17F:O5	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:39:17F:O7	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:39:17F:O9	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:39:17F:P1	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:40:17F:C7	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:40:17F:C8	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:40:17F:C9	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:40:17F:N1	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:40:17F:O10	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:40:17F:O4	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CA	4:A:40:17F:O5	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:40:17F:O7	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:40:17F:O9	7	4.47
(1,57)	2:B:185:CYS:CA	4:A:40:17F:P1	7	4.47
(1,57)	2:B:185:CYS:CA	2:B:1:MET:N	7	4.47
(1,57)	2:B:185:CYS:CA	2:B:2:THR:N	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:1:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:1:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:1:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:1:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:1:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:1:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:1:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:1:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:1:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:1:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:1:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:2:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:2:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:2:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:2:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:2:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:2:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:2:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:2:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:2:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:2:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:2:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:3:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:3:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:3:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:3:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:3:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:3:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:3:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:3:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:3:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:3:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:3:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:4:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:4:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:4:PCW:C13	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CB	3:A:4:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:4:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:4:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:4:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:4:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:4:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:4:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:4:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:5:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:5:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:5:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:5:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:5:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:5:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:5:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:5:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:5:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:5:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:5:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:6:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:6:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:6:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:6:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:6:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:6:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:6:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:6:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:6:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:6:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:6:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:7:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:7:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:7:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:7:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:7:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:7:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:7:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:7:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:7:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:7:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:7:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:8:PCW:C11	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CB	3:A:8:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:8:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:8:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:8:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:8:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:8:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:8:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:8:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:8:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:8:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:9:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:9:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:9:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:9:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:9:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:9:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:9:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:9:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:9:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:9:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:9:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:10:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:10:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:10:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:10:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:10:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:10:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:10:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:10:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:10:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:10:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:10:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:11:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:11:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:11:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:11:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:11:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:11:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:11:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:11:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:11:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:11:PCW:O31	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CB	3:A:11:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:12:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:12:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:12:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:12:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:12:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:12:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:12:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:12:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:12:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:12:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:12:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:13:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:13:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:13:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:13:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:13:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:13:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:13:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:13:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:13:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:13:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:13:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:14:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:14:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:14:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:14:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:14:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:14:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:14:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:14:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:14:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:14:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:14:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:15:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:15:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:15:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:15:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:15:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:15:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:15:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:15:PCW:O2	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CB	3:A:15:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:15:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:15:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:16:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:16:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:16:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:16:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:16:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:16:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:16:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:16:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:16:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:16:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:16:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:17:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:17:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:17:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:17:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:17:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:17:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:17:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:17:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:17:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:17:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:17:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:18:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:18:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:18:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:18:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:18:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:18:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:18:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:18:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:18:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:18:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:18:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:19:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:19:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:19:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:19:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:19:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:19:PCW:N	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CB	3:A:19:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:19:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:19:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:19:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:19:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:20:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:20:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:20:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:20:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:20:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:20:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:20:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:20:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:20:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:20:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:20:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:21:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:21:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:21:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:21:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:21:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:21:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:21:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:21:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:21:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:21:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:21:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:22:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:22:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:22:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:22:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:22:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:22:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:22:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:22:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:22:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:22:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:22:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:23:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:23:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:23:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:23:PCW:C14	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CB	3:A:23:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:23:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:23:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:23:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:23:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:23:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:23:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:24:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:24:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:24:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:24:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:24:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:24:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:24:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:24:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:24:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:24:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:24:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:25:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:25:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:25:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:25:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:25:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:25:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:25:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:25:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:25:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:25:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:25:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:26:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:26:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:26:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:26:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:26:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:26:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:26:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:26:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:26:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:26:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:26:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:27:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:27:PCW:C12	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CB	3:A:27:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:27:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:27:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:27:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:27:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:27:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:27:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:27:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:27:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:28:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:28:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:28:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:28:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:28:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:28:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:28:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:28:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:28:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:28:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:28:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:29:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:29:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:29:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:29:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:29:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:29:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:29:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:29:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:29:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:29:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:29:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:30:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:30:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:30:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:30:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:30:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:30:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:30:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:30:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:30:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:30:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:30:PCW:P	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CB	3:A:31:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:31:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:31:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:31:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:31:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:31:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:31:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:31:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:31:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:31:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:31:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:32:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:32:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:32:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:32:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:32:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:32:PCW:N	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:32:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:32:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:32:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:32:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:CB	3:A:32:PCW:P	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:33:17F:C7	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:33:17F:C8	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:33:17F:C9	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:33:17F:N1	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:33:17F:O10	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:33:17F:O4	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:33:17F:O5	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:33:17F:O7	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:33:17F:O9	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:33:17F:P1	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:34:17F:C7	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:34:17F:C8	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:34:17F:C9	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:34:17F:N1	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:34:17F:O10	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:34:17F:O4	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:34:17F:O5	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:34:17F:O7	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:34:17F:O9	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:34:17F:P1	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CB	4:A:35:17F:C7	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:35:17F:C8	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:35:17F:C9	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:35:17F:N1	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:35:17F:O10	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:35:17F:O4	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:35:17F:O5	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:35:17F:O7	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:35:17F:O9	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:35:17F:P1	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:36:17F:C7	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:36:17F:C8	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:36:17F:C9	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:36:17F:N1	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:36:17F:O10	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:36:17F:O4	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:36:17F:O5	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:36:17F:O7	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:36:17F:O9	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:36:17F:P1	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:37:17F:C7	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:37:17F:C8	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:37:17F:C9	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:37:17F:N1	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:37:17F:O10	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:37:17F:O4	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:37:17F:O5	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:37:17F:O7	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:37:17F:O9	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:37:17F:P1	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:38:17F:C7	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:38:17F:C8	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:38:17F:C9	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:38:17F:N1	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:38:17F:O10	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:38:17F:O4	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:38:17F:O5	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:38:17F:O7	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:38:17F:O9	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:38:17F:P1	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:39:17F:C7	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:39:17F:C8	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:CB	4:A:39:17F:C9	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:39:17F:N1	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:39:17F:O10	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:39:17F:O4	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:39:17F:O5	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:39:17F:O7	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:39:17F:O9	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:39:17F:P1	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:40:17F:C7	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:40:17F:C8	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:40:17F:C9	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:40:17F:N1	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:40:17F:O10	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:40:17F:O4	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:40:17F:O5	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:40:17F:O7	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:40:17F:O9	7	4.47
(1,57)	2:B:185:CYS:CB	4:A:40:17F:P1	7	4.47
(1,57)	2:B:185:CYS:CB	2:B:1:MET:N	7	4.47
(1,57)	2:B:185:CYS:CB	2:B:2:THR:N	7	4.47
(1,57)	2:B:185:CYS:H	3:A:1:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:1:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:H	3:A:1:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:H	3:A:1:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:H	3:A:1:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:H	3:A:1:PCW:N	7	4.47
(1,57)	2:B:185:CYS:H	3:A:1:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:1:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:H	3:A:1:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:H	3:A:1:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:H	3:A:1:PCW:P	7	4.47
(1,57)	2:B:185:CYS:H	3:A:2:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:2:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:H	3:A:2:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:H	3:A:2:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:H	3:A:2:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:H	3:A:2:PCW:N	7	4.47
(1,57)	2:B:185:CYS:H	3:A:2:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:2:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:H	3:A:2:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:H	3:A:2:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:H	3:A:2:PCW:P	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:H	3:A:3:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:3:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:H	3:A:3:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:H	3:A:3:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:H	3:A:3:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:H	3:A:3:PCW:N	7	4.47
(1,57)	2:B:185:CYS:H	3:A:3:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:3:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:H	3:A:3:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:H	3:A:3:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:H	3:A:3:PCW:P	7	4.47
(1,57)	2:B:185:CYS:H	3:A:4:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:4:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:H	3:A:4:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:H	3:A:4:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:H	3:A:4:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:H	3:A:4:PCW:N	7	4.47
(1,57)	2:B:185:CYS:H	3:A:4:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:4:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:H	3:A:4:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:H	3:A:4:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:H	3:A:4:PCW:P	7	4.47
(1,57)	2:B:185:CYS:H	3:A:5:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:5:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:H	3:A:5:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:H	3:A:5:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:H	3:A:5:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:H	3:A:5:PCW:N	7	4.47
(1,57)	2:B:185:CYS:H	3:A:5:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:5:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:H	3:A:5:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:H	3:A:5:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:H	3:A:5:PCW:P	7	4.47
(1,57)	2:B:185:CYS:H	3:A:6:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:6:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:H	3:A:6:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:H	3:A:6:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:H	3:A:6:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:H	3:A:6:PCW:N	7	4.47
(1,57)	2:B:185:CYS:H	3:A:6:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:6:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:H	3:A:6:PCW:O3	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:H	3:A:6:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:H	3:A:6:PCW:P	7	4.47
(1,57)	2:B:185:CYS:H	3:A:7:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:7:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:H	3:A:7:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:H	3:A:7:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:H	3:A:7:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:H	3:A:7:PCW:N	7	4.47
(1,57)	2:B:185:CYS:H	3:A:7:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:7:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:H	3:A:7:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:H	3:A:7:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:H	3:A:7:PCW:P	7	4.47
(1,57)	2:B:185:CYS:H	3:A:8:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:8:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:H	3:A:8:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:H	3:A:8:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:H	3:A:8:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:H	3:A:8:PCW:N	7	4.47
(1,57)	2:B:185:CYS:H	3:A:8:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:8:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:H	3:A:8:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:H	3:A:8:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:H	3:A:8:PCW:P	7	4.47
(1,57)	2:B:185:CYS:H	3:A:9:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:9:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:H	3:A:9:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:H	3:A:9:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:H	3:A:9:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:H	3:A:9:PCW:N	7	4.47
(1,57)	2:B:185:CYS:H	3:A:9:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:9:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:H	3:A:9:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:H	3:A:9:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:H	3:A:9:PCW:P	7	4.47
(1,57)	2:B:185:CYS:H	3:A:10:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:10:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:H	3:A:10:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:H	3:A:10:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:H	3:A:10:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:H	3:A:10:PCW:N	7	4.47
(1,57)	2:B:185:CYS:H	3:A:10:PCW:O11	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:H	3:A:10:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:H	3:A:10:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:H	3:A:10:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:H	3:A:10:PCW:P	7	4.47
(1,57)	2:B:185:CYS:H	3:A:11:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:11:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:H	3:A:11:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:H	3:A:11:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:H	3:A:11:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:H	3:A:11:PCW:N	7	4.47
(1,57)	2:B:185:CYS:H	3:A:11:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:11:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:H	3:A:11:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:H	3:A:11:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:H	3:A:11:PCW:P	7	4.47
(1,57)	2:B:185:CYS:H	3:A:12:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:12:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:H	3:A:12:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:H	3:A:12:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:H	3:A:12:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:H	3:A:12:PCW:N	7	4.47
(1,57)	2:B:185:CYS:H	3:A:12:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:12:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:H	3:A:12:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:H	3:A:12:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:H	3:A:12:PCW:P	7	4.47
(1,57)	2:B:185:CYS:H	3:A:13:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:13:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:H	3:A:13:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:H	3:A:13:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:H	3:A:13:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:H	3:A:13:PCW:N	7	4.47
(1,57)	2:B:185:CYS:H	3:A:13:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:13:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:H	3:A:13:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:H	3:A:13:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:H	3:A:13:PCW:P	7	4.47
(1,57)	2:B:185:CYS:H	3:A:14:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:14:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:H	3:A:14:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:H	3:A:14:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:H	3:A:14:PCW:C15	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:H	3:A:14:PCW:N	7	4.47
(1,57)	2:B:185:CYS:H	3:A:14:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:14:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:H	3:A:14:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:H	3:A:14:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:H	3:A:14:PCW:P	7	4.47
(1,57)	2:B:185:CYS:H	3:A:15:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:15:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:H	3:A:15:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:H	3:A:15:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:H	3:A:15:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:H	3:A:15:PCW:N	7	4.47
(1,57)	2:B:185:CYS:H	3:A:15:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:15:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:H	3:A:15:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:H	3:A:15:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:H	3:A:15:PCW:P	7	4.47
(1,57)	2:B:185:CYS:H	3:A:16:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:16:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:H	3:A:16:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:H	3:A:16:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:H	3:A:16:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:H	3:A:16:PCW:N	7	4.47
(1,57)	2:B:185:CYS:H	3:A:16:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:16:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:H	3:A:16:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:H	3:A:16:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:H	3:A:16:PCW:P	7	4.47
(1,57)	2:B:185:CYS:H	3:A:17:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:17:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:H	3:A:17:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:H	3:A:17:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:H	3:A:17:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:H	3:A:17:PCW:N	7	4.47
(1,57)	2:B:185:CYS:H	3:A:17:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:17:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:H	3:A:17:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:H	3:A:17:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:H	3:A:17:PCW:P	7	4.47
(1,57)	2:B:185:CYS:H	3:A:18:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:18:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:H	3:A:18:PCW:C13	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:H	3:A:18:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:H	3:A:18:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:H	3:A:18:PCW:N	7	4.47
(1,57)	2:B:185:CYS:H	3:A:18:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:18:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:H	3:A:18:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:H	3:A:18:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:H	3:A:18:PCW:P	7	4.47
(1,57)	2:B:185:CYS:H	3:A:19:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:19:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:H	3:A:19:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:H	3:A:19:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:H	3:A:19:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:H	3:A:19:PCW:N	7	4.47
(1,57)	2:B:185:CYS:H	3:A:19:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:19:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:H	3:A:19:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:H	3:A:19:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:H	3:A:19:PCW:P	7	4.47
(1,57)	2:B:185:CYS:H	3:A:20:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:20:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:H	3:A:20:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:H	3:A:20:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:H	3:A:20:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:H	3:A:20:PCW:N	7	4.47
(1,57)	2:B:185:CYS:H	3:A:20:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:20:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:H	3:A:20:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:H	3:A:20:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:H	3:A:20:PCW:P	7	4.47
(1,57)	2:B:185:CYS:H	3:A:21:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:21:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:H	3:A:21:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:H	3:A:21:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:H	3:A:21:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:H	3:A:21:PCW:N	7	4.47
(1,57)	2:B:185:CYS:H	3:A:21:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:21:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:H	3:A:21:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:H	3:A:21:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:H	3:A:21:PCW:P	7	4.47
(1,57)	2:B:185:CYS:H	3:A:22:PCW:C11	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:H	3:A:22:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:H	3:A:22:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:H	3:A:22:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:H	3:A:22:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:H	3:A:22:PCW:N	7	4.47
(1,57)	2:B:185:CYS:H	3:A:22:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:22:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:H	3:A:22:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:H	3:A:22:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:H	3:A:22:PCW:P	7	4.47
(1,57)	2:B:185:CYS:H	3:A:23:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:23:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:H	3:A:23:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:H	3:A:23:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:H	3:A:23:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:H	3:A:23:PCW:N	7	4.47
(1,57)	2:B:185:CYS:H	3:A:23:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:23:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:H	3:A:23:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:H	3:A:23:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:H	3:A:23:PCW:P	7	4.47
(1,57)	2:B:185:CYS:H	3:A:24:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:24:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:H	3:A:24:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:H	3:A:24:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:H	3:A:24:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:H	3:A:24:PCW:N	7	4.47
(1,57)	2:B:185:CYS:H	3:A:24:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:24:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:H	3:A:24:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:H	3:A:24:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:H	3:A:24:PCW:P	7	4.47
(1,57)	2:B:185:CYS:H	3:A:25:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:25:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:H	3:A:25:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:H	3:A:25:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:H	3:A:25:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:H	3:A:25:PCW:N	7	4.47
(1,57)	2:B:185:CYS:H	3:A:25:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:25:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:H	3:A:25:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:H	3:A:25:PCW:O31	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:H	3:A:25:PCW:P	7	4.47
(1,57)	2:B:185:CYS:H	3:A:26:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:26:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:H	3:A:26:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:H	3:A:26:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:H	3:A:26:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:H	3:A:26:PCW:N	7	4.47
(1,57)	2:B:185:CYS:H	3:A:26:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:26:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:H	3:A:26:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:H	3:A:26:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:H	3:A:26:PCW:P	7	4.47
(1,57)	2:B:185:CYS:H	3:A:27:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:27:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:H	3:A:27:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:H	3:A:27:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:H	3:A:27:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:H	3:A:27:PCW:N	7	4.47
(1,57)	2:B:185:CYS:H	3:A:27:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:27:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:H	3:A:27:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:H	3:A:27:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:H	3:A:27:PCW:P	7	4.47
(1,57)	2:B:185:CYS:H	3:A:28:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:28:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:H	3:A:28:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:H	3:A:28:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:H	3:A:28:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:H	3:A:28:PCW:N	7	4.47
(1,57)	2:B:185:CYS:H	3:A:28:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:28:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:H	3:A:28:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:H	3:A:28:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:H	3:A:28:PCW:P	7	4.47
(1,57)	2:B:185:CYS:H	3:A:29:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:29:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:H	3:A:29:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:H	3:A:29:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:H	3:A:29:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:H	3:A:29:PCW:N	7	4.47
(1,57)	2:B:185:CYS:H	3:A:29:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:29:PCW:O2	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:H	3:A:29:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:H	3:A:29:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:H	3:A:29:PCW:P	7	4.47
(1,57)	2:B:185:CYS:H	3:A:30:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:30:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:H	3:A:30:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:H	3:A:30:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:H	3:A:30:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:H	3:A:30:PCW:N	7	4.47
(1,57)	2:B:185:CYS:H	3:A:30:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:30:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:H	3:A:30:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:H	3:A:30:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:H	3:A:30:PCW:P	7	4.47
(1,57)	2:B:185:CYS:H	3:A:31:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:31:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:H	3:A:31:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:H	3:A:31:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:H	3:A:31:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:H	3:A:31:PCW:N	7	4.47
(1,57)	2:B:185:CYS:H	3:A:31:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:31:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:H	3:A:31:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:H	3:A:31:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:H	3:A:31:PCW:P	7	4.47
(1,57)	2:B:185:CYS:H	3:A:32:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:32:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:H	3:A:32:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:H	3:A:32:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:H	3:A:32:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:H	3:A:32:PCW:N	7	4.47
(1,57)	2:B:185:CYS:H	3:A:32:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:H	3:A:32:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:H	3:A:32:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:H	3:A:32:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:H	3:A:32:PCW:P	7	4.47
(1,57)	2:B:185:CYS:H	4:A:33:17F:C7	7	4.47
(1,57)	2:B:185:CYS:H	4:A:33:17F:C8	7	4.47
(1,57)	2:B:185:CYS:H	4:A:33:17F:C9	7	4.47
(1,57)	2:B:185:CYS:H	4:A:33:17F:N1	7	4.47
(1,57)	2:B:185:CYS:H	4:A:33:17F:O10	7	4.47
(1,57)	2:B:185:CYS:H	4:A:33:17F:O4	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:H	4:A:33:17F:O5	7	4.47
(1,57)	2:B:185:CYS:H	4:A:33:17F:O7	7	4.47
(1,57)	2:B:185:CYS:H	4:A:33:17F:O9	7	4.47
(1,57)	2:B:185:CYS:H	4:A:33:17F:P1	7	4.47
(1,57)	2:B:185:CYS:H	4:A:34:17F:C7	7	4.47
(1,57)	2:B:185:CYS:H	4:A:34:17F:C8	7	4.47
(1,57)	2:B:185:CYS:H	4:A:34:17F:C9	7	4.47
(1,57)	2:B:185:CYS:H	4:A:34:17F:N1	7	4.47
(1,57)	2:B:185:CYS:H	4:A:34:17F:O10	7	4.47
(1,57)	2:B:185:CYS:H	4:A:34:17F:O4	7	4.47
(1,57)	2:B:185:CYS:H	4:A:34:17F:O5	7	4.47
(1,57)	2:B:185:CYS:H	4:A:34:17F:O7	7	4.47
(1,57)	2:B:185:CYS:H	4:A:34:17F:O9	7	4.47
(1,57)	2:B:185:CYS:H	4:A:34:17F:P1	7	4.47
(1,57)	2:B:185:CYS:H	4:A:35:17F:C7	7	4.47
(1,57)	2:B:185:CYS:H	4:A:35:17F:C8	7	4.47
(1,57)	2:B:185:CYS:H	4:A:35:17F:C9	7	4.47
(1,57)	2:B:185:CYS:H	4:A:35:17F:N1	7	4.47
(1,57)	2:B:185:CYS:H	4:A:35:17F:O10	7	4.47
(1,57)	2:B:185:CYS:H	4:A:35:17F:O4	7	4.47
(1,57)	2:B:185:CYS:H	4:A:35:17F:O5	7	4.47
(1,57)	2:B:185:CYS:H	4:A:35:17F:O7	7	4.47
(1,57)	2:B:185:CYS:H	4:A:35:17F:O9	7	4.47
(1,57)	2:B:185:CYS:H	4:A:35:17F:P1	7	4.47
(1,57)	2:B:185:CYS:H	4:A:36:17F:C7	7	4.47
(1,57)	2:B:185:CYS:H	4:A:36:17F:C8	7	4.47
(1,57)	2:B:185:CYS:H	4:A:36:17F:C9	7	4.47
(1,57)	2:B:185:CYS:H	4:A:36:17F:N1	7	4.47
(1,57)	2:B:185:CYS:H	4:A:36:17F:O10	7	4.47
(1,57)	2:B:185:CYS:H	4:A:36:17F:O4	7	4.47
(1,57)	2:B:185:CYS:H	4:A:36:17F:O5	7	4.47
(1,57)	2:B:185:CYS:H	4:A:36:17F:O7	7	4.47
(1,57)	2:B:185:CYS:H	4:A:36:17F:O9	7	4.47
(1,57)	2:B:185:CYS:H	4:A:36:17F:P1	7	4.47
(1,57)	2:B:185:CYS:H	4:A:37:17F:C7	7	4.47
(1,57)	2:B:185:CYS:H	4:A:37:17F:C8	7	4.47
(1,57)	2:B:185:CYS:H	4:A:37:17F:C9	7	4.47
(1,57)	2:B:185:CYS:H	4:A:37:17F:N1	7	4.47
(1,57)	2:B:185:CYS:H	4:A:37:17F:O10	7	4.47
(1,57)	2:B:185:CYS:H	4:A:37:17F:O4	7	4.47
(1,57)	2:B:185:CYS:H	4:A:37:17F:O5	7	4.47
(1,57)	2:B:185:CYS:H	4:A:37:17F:O7	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:H	4:A:37:17F:O9	7	4.47
(1,57)	2:B:185:CYS:H	4:A:37:17F:P1	7	4.47
(1,57)	2:B:185:CYS:H	4:A:38:17F:C7	7	4.47
(1,57)	2:B:185:CYS:H	4:A:38:17F:C8	7	4.47
(1,57)	2:B:185:CYS:H	4:A:38:17F:C9	7	4.47
(1,57)	2:B:185:CYS:H	4:A:38:17F:N1	7	4.47
(1,57)	2:B:185:CYS:H	4:A:38:17F:O10	7	4.47
(1,57)	2:B:185:CYS:H	4:A:38:17F:O4	7	4.47
(1,57)	2:B:185:CYS:H	4:A:38:17F:O5	7	4.47
(1,57)	2:B:185:CYS:H	4:A:38:17F:O7	7	4.47
(1,57)	2:B:185:CYS:H	4:A:38:17F:O9	7	4.47
(1,57)	2:B:185:CYS:H	4:A:38:17F:P1	7	4.47
(1,57)	2:B:185:CYS:H	4:A:39:17F:C7	7	4.47
(1,57)	2:B:185:CYS:H	4:A:39:17F:C8	7	4.47
(1,57)	2:B:185:CYS:H	4:A:39:17F:C9	7	4.47
(1,57)	2:B:185:CYS:H	4:A:39:17F:N1	7	4.47
(1,57)	2:B:185:CYS:H	4:A:39:17F:O10	7	4.47
(1,57)	2:B:185:CYS:H	4:A:39:17F:O4	7	4.47
(1,57)	2:B:185:CYS:H	4:A:39:17F:O5	7	4.47
(1,57)	2:B:185:CYS:H	4:A:39:17F:O7	7	4.47
(1,57)	2:B:185:CYS:H	4:A:39:17F:O9	7	4.47
(1,57)	2:B:185:CYS:H	4:A:39:17F:P1	7	4.47
(1,57)	2:B:185:CYS:H	4:A:40:17F:C7	7	4.47
(1,57)	2:B:185:CYS:H	4:A:40:17F:C8	7	4.47
(1,57)	2:B:185:CYS:H	4:A:40:17F:C9	7	4.47
(1,57)	2:B:185:CYS:H	4:A:40:17F:N1	7	4.47
(1,57)	2:B:185:CYS:H	4:A:40:17F:O10	7	4.47
(1,57)	2:B:185:CYS:H	4:A:40:17F:O4	7	4.47
(1,57)	2:B:185:CYS:H	4:A:40:17F:O5	7	4.47
(1,57)	2:B:185:CYS:H	4:A:40:17F:O7	7	4.47
(1,57)	2:B:185:CYS:H	4:A:40:17F:O9	7	4.47
(1,57)	2:B:185:CYS:H	4:A:40:17F:P1	7	4.47
(1,57)	2:B:185:CYS:H	2:B:1:MET:N	7	4.47
(1,57)	2:B:185:CYS:H	2:B:2:THR:N	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:1:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:1:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:1:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:1:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:1:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:1:PCW:N	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:1:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:1:PCW:O2	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:HG	3:A:1:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:1:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:1:PCW:P	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:2:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:2:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:2:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:2:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:2:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:2:PCW:N	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:2:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:2:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:2:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:2:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:2:PCW:P	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:3:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:3:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:3:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:3:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:3:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:3:PCW:N	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:3:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:3:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:3:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:3:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:3:PCW:P	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:4:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:4:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:4:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:4:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:4:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:4:PCW:N	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:4:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:4:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:4:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:4:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:4:PCW:P	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:5:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:5:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:5:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:5:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:5:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:5:PCW:N	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:HG	3:A:5:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:5:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:5:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:5:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:5:PCW:P	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:6:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:6:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:6:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:6:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:6:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:6:PCW:N	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:6:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:6:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:6:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:6:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:6:PCW:P	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:7:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:7:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:7:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:7:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:7:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:7:PCW:N	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:7:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:7:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:7:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:7:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:7:PCW:P	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:8:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:8:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:8:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:8:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:8:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:8:PCW:N	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:8:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:8:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:8:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:8:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:8:PCW:P	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:9:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:9:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:9:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:9:PCW:C14	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:HG	3:A:9:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:9:PCW:N	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:9:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:9:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:9:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:9:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:9:PCW:P	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:10:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:10:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:10:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:10:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:10:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:10:PCW:N	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:10:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:10:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:10:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:10:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:10:PCW:P	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:11:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:11:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:11:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:11:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:11:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:11:PCW:N	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:11:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:11:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:11:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:11:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:11:PCW:P	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:12:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:12:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:12:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:12:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:12:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:12:PCW:N	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:12:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:12:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:12:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:12:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:12:PCW:P	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:13:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:13:PCW:C12	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:HG	3:A:13:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:13:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:13:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:13:PCW:N	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:13:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:13:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:13:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:13:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:13:PCW:P	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:14:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:14:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:14:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:14:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:14:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:14:PCW:N	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:14:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:14:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:14:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:14:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:14:PCW:P	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:15:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:15:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:15:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:15:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:15:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:15:PCW:N	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:15:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:15:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:15:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:15:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:15:PCW:P	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:16:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:16:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:16:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:16:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:16:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:16:PCW:N	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:16:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:16:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:16:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:16:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:16:PCW:P	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:HG	3:A:17:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:17:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:17:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:17:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:17:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:17:PCW:N	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:17:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:17:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:17:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:17:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:17:PCW:P	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:18:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:18:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:18:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:18:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:18:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:18:PCW:N	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:18:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:18:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:18:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:18:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:18:PCW:P	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:19:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:19:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:19:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:19:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:19:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:19:PCW:N	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:19:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:19:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:19:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:19:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:19:PCW:P	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:20:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:20:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:20:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:20:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:20:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:20:PCW:N	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:20:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:20:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:20:PCW:O3	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:HG	3:A:20:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:20:PCW:P	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:21:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:21:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:21:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:21:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:21:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:21:PCW:N	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:21:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:21:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:21:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:21:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:21:PCW:P	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:22:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:22:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:22:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:22:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:22:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:22:PCW:N	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:22:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:22:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:22:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:22:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:22:PCW:P	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:23:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:23:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:23:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:23:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:23:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:23:PCW:N	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:23:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:23:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:23:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:23:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:23:PCW:P	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:24:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:24:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:24:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:24:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:24:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:24:PCW:N	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:24:PCW:O11	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:HG	3:A:24:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:24:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:24:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:24:PCW:P	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:25:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:25:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:25:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:25:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:25:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:25:PCW:N	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:25:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:25:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:25:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:25:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:25:PCW:P	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:26:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:26:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:26:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:26:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:26:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:26:PCW:N	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:26:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:26:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:26:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:26:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:26:PCW:P	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:27:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:27:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:27:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:27:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:27:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:27:PCW:N	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:27:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:27:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:27:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:27:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:27:PCW:P	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:28:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:28:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:28:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:28:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:28:PCW:C15	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:HG	3:A:28:PCW:N	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:28:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:28:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:28:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:28:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:28:PCW:P	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:29:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:29:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:29:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:29:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:29:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:29:PCW:N	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:29:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:29:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:29:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:29:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:29:PCW:P	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:30:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:30:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:30:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:30:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:30:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:30:PCW:N	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:30:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:30:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:30:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:30:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:30:PCW:P	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:31:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:31:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:31:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:31:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:31:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:31:PCW:N	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:31:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:31:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:31:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:31:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:31:PCW:P	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:32:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:32:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:32:PCW:C13	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:HG	3:A:32:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:32:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:32:PCW:N	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:32:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:32:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:32:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:32:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:HG	3:A:32:PCW:P	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:33:17F:C7	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:33:17F:C8	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:33:17F:C9	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:33:17F:N1	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:33:17F:O10	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:33:17F:O4	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:33:17F:O5	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:33:17F:O7	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:33:17F:O9	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:33:17F:P1	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:34:17F:C7	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:34:17F:C8	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:34:17F:C9	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:34:17F:N1	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:34:17F:O10	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:34:17F:O4	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:34:17F:O5	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:34:17F:O7	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:34:17F:O9	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:34:17F:P1	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:35:17F:C7	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:35:17F:C8	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:35:17F:C9	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:35:17F:N1	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:35:17F:O10	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:35:17F:O4	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:35:17F:O5	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:35:17F:O7	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:35:17F:O9	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:35:17F:P1	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:36:17F:C7	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:36:17F:C8	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:36:17F:C9	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:36:17F:N1	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:HG	4:A:36:17F:O10	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:36:17F:O4	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:36:17F:O5	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:36:17F:O7	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:36:17F:O9	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:36:17F:P1	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:37:17F:C7	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:37:17F:C8	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:37:17F:C9	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:37:17F:N1	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:37:17F:O10	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:37:17F:O4	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:37:17F:O5	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:37:17F:O7	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:37:17F:O9	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:37:17F:P1	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:38:17F:C7	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:38:17F:C8	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:38:17F:C9	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:38:17F:N1	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:38:17F:O10	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:38:17F:O4	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:38:17F:O5	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:38:17F:O7	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:38:17F:O9	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:38:17F:P1	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:39:17F:C7	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:39:17F:C8	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:39:17F:C9	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:39:17F:N1	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:39:17F:O10	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:39:17F:O4	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:39:17F:O5	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:39:17F:O7	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:39:17F:O9	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:39:17F:P1	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:40:17F:C7	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:40:17F:C8	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:40:17F:C9	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:40:17F:N1	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:40:17F:O10	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:40:17F:O4	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:HG	4:A:40:17F:O5	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:40:17F:O7	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:40:17F:O9	7	4.47
(1,57)	2:B:185:CYS:HG	4:A:40:17F:P1	7	4.47
(1,57)	2:B:185:CYS:HG	2:B:1:MET:N	7	4.47
(1,57)	2:B:185:CYS:HG	2:B:2:THR:N	7	4.47
(1,57)	2:B:185:CYS:N	3:A:1:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:1:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:N	3:A:1:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:N	3:A:1:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:N	3:A:1:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:N	3:A:1:PCW:N	7	4.47
(1,57)	2:B:185:CYS:N	3:A:1:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:1:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:N	3:A:1:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:N	3:A:1:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:N	3:A:1:PCW:P	7	4.47
(1,57)	2:B:185:CYS:N	3:A:2:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:2:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:N	3:A:2:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:N	3:A:2:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:N	3:A:2:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:N	3:A:2:PCW:N	7	4.47
(1,57)	2:B:185:CYS:N	3:A:2:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:2:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:N	3:A:2:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:N	3:A:2:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:N	3:A:2:PCW:P	7	4.47
(1,57)	2:B:185:CYS:N	3:A:3:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:3:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:N	3:A:3:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:N	3:A:3:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:N	3:A:3:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:N	3:A:3:PCW:N	7	4.47
(1,57)	2:B:185:CYS:N	3:A:3:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:3:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:N	3:A:3:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:N	3:A:3:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:N	3:A:3:PCW:P	7	4.47
(1,57)	2:B:185:CYS:N	3:A:4:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:4:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:N	3:A:4:PCW:C13	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:N	3:A:4:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:N	3:A:4:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:N	3:A:4:PCW:N	7	4.47
(1,57)	2:B:185:CYS:N	3:A:4:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:4:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:N	3:A:4:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:N	3:A:4:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:N	3:A:4:PCW:P	7	4.47
(1,57)	2:B:185:CYS:N	3:A:5:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:5:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:N	3:A:5:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:N	3:A:5:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:N	3:A:5:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:N	3:A:5:PCW:N	7	4.47
(1,57)	2:B:185:CYS:N	3:A:5:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:5:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:N	3:A:5:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:N	3:A:5:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:N	3:A:5:PCW:P	7	4.47
(1,57)	2:B:185:CYS:N	3:A:6:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:6:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:N	3:A:6:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:N	3:A:6:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:N	3:A:6:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:N	3:A:6:PCW:N	7	4.47
(1,57)	2:B:185:CYS:N	3:A:6:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:6:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:N	3:A:6:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:N	3:A:6:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:N	3:A:6:PCW:P	7	4.47
(1,57)	2:B:185:CYS:N	3:A:7:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:7:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:N	3:A:7:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:N	3:A:7:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:N	3:A:7:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:N	3:A:7:PCW:N	7	4.47
(1,57)	2:B:185:CYS:N	3:A:7:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:7:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:N	3:A:7:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:N	3:A:7:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:N	3:A:7:PCW:P	7	4.47
(1,57)	2:B:185:CYS:N	3:A:8:PCW:C11	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:N	3:A:8:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:N	3:A:8:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:N	3:A:8:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:N	3:A:8:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:N	3:A:8:PCW:N	7	4.47
(1,57)	2:B:185:CYS:N	3:A:8:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:8:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:N	3:A:8:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:N	3:A:8:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:N	3:A:8:PCW:P	7	4.47
(1,57)	2:B:185:CYS:N	3:A:9:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:9:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:N	3:A:9:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:N	3:A:9:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:N	3:A:9:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:N	3:A:9:PCW:N	7	4.47
(1,57)	2:B:185:CYS:N	3:A:9:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:9:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:N	3:A:9:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:N	3:A:9:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:N	3:A:9:PCW:P	7	4.47
(1,57)	2:B:185:CYS:N	3:A:10:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:10:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:N	3:A:10:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:N	3:A:10:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:N	3:A:10:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:N	3:A:10:PCW:N	7	4.47
(1,57)	2:B:185:CYS:N	3:A:10:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:10:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:N	3:A:10:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:N	3:A:10:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:N	3:A:10:PCW:P	7	4.47
(1,57)	2:B:185:CYS:N	3:A:11:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:11:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:N	3:A:11:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:N	3:A:11:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:N	3:A:11:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:N	3:A:11:PCW:N	7	4.47
(1,57)	2:B:185:CYS:N	3:A:11:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:11:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:N	3:A:11:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:N	3:A:11:PCW:O31	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:N	3:A:11:PCW:P	7	4.47
(1,57)	2:B:185:CYS:N	3:A:12:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:12:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:N	3:A:12:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:N	3:A:12:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:N	3:A:12:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:N	3:A:12:PCW:N	7	4.47
(1,57)	2:B:185:CYS:N	3:A:12:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:12:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:N	3:A:12:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:N	3:A:12:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:N	3:A:12:PCW:P	7	4.47
(1,57)	2:B:185:CYS:N	3:A:13:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:13:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:N	3:A:13:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:N	3:A:13:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:N	3:A:13:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:N	3:A:13:PCW:N	7	4.47
(1,57)	2:B:185:CYS:N	3:A:13:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:13:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:N	3:A:13:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:N	3:A:13:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:N	3:A:13:PCW:P	7	4.47
(1,57)	2:B:185:CYS:N	3:A:14:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:14:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:N	3:A:14:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:N	3:A:14:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:N	3:A:14:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:N	3:A:14:PCW:N	7	4.47
(1,57)	2:B:185:CYS:N	3:A:14:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:14:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:N	3:A:14:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:N	3:A:14:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:N	3:A:14:PCW:P	7	4.47
(1,57)	2:B:185:CYS:N	3:A:15:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:15:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:N	3:A:15:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:N	3:A:15:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:N	3:A:15:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:N	3:A:15:PCW:N	7	4.47
(1,57)	2:B:185:CYS:N	3:A:15:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:15:PCW:O2	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:N	3:A:15:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:N	3:A:15:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:N	3:A:15:PCW:P	7	4.47
(1,57)	2:B:185:CYS:N	3:A:16:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:16:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:N	3:A:16:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:N	3:A:16:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:N	3:A:16:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:N	3:A:16:PCW:N	7	4.47
(1,57)	2:B:185:CYS:N	3:A:16:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:16:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:N	3:A:16:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:N	3:A:16:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:N	3:A:16:PCW:P	7	4.47
(1,57)	2:B:185:CYS:N	3:A:17:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:17:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:N	3:A:17:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:N	3:A:17:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:N	3:A:17:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:N	3:A:17:PCW:N	7	4.47
(1,57)	2:B:185:CYS:N	3:A:17:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:17:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:N	3:A:17:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:N	3:A:17:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:N	3:A:17:PCW:P	7	4.47
(1,57)	2:B:185:CYS:N	3:A:18:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:18:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:N	3:A:18:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:N	3:A:18:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:N	3:A:18:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:N	3:A:18:PCW:N	7	4.47
(1,57)	2:B:185:CYS:N	3:A:18:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:18:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:N	3:A:18:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:N	3:A:18:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:N	3:A:18:PCW:P	7	4.47
(1,57)	2:B:185:CYS:N	3:A:19:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:19:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:N	3:A:19:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:N	3:A:19:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:N	3:A:19:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:N	3:A:19:PCW:N	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:N	3:A:19:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:19:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:N	3:A:19:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:N	3:A:19:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:N	3:A:19:PCW:P	7	4.47
(1,57)	2:B:185:CYS:N	3:A:20:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:20:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:N	3:A:20:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:N	3:A:20:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:N	3:A:20:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:N	3:A:20:PCW:N	7	4.47
(1,57)	2:B:185:CYS:N	3:A:20:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:20:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:N	3:A:20:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:N	3:A:20:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:N	3:A:20:PCW:P	7	4.47
(1,57)	2:B:185:CYS:N	3:A:21:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:21:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:N	3:A:21:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:N	3:A:21:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:N	3:A:21:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:N	3:A:21:PCW:N	7	4.47
(1,57)	2:B:185:CYS:N	3:A:21:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:21:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:N	3:A:21:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:N	3:A:21:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:N	3:A:21:PCW:P	7	4.47
(1,57)	2:B:185:CYS:N	3:A:22:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:22:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:N	3:A:22:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:N	3:A:22:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:N	3:A:22:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:N	3:A:22:PCW:N	7	4.47
(1,57)	2:B:185:CYS:N	3:A:22:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:22:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:N	3:A:22:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:N	3:A:22:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:N	3:A:22:PCW:P	7	4.47
(1,57)	2:B:185:CYS:N	3:A:23:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:23:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:N	3:A:23:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:N	3:A:23:PCW:C14	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:N	3:A:23:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:N	3:A:23:PCW:N	7	4.47
(1,57)	2:B:185:CYS:N	3:A:23:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:23:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:N	3:A:23:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:N	3:A:23:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:N	3:A:23:PCW:P	7	4.47
(1,57)	2:B:185:CYS:N	3:A:24:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:24:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:N	3:A:24:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:N	3:A:24:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:N	3:A:24:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:N	3:A:24:PCW:N	7	4.47
(1,57)	2:B:185:CYS:N	3:A:24:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:24:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:N	3:A:24:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:N	3:A:24:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:N	3:A:24:PCW:P	7	4.47
(1,57)	2:B:185:CYS:N	3:A:25:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:25:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:N	3:A:25:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:N	3:A:25:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:N	3:A:25:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:N	3:A:25:PCW:N	7	4.47
(1,57)	2:B:185:CYS:N	3:A:25:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:25:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:N	3:A:25:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:N	3:A:25:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:N	3:A:25:PCW:P	7	4.47
(1,57)	2:B:185:CYS:N	3:A:26:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:26:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:N	3:A:26:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:N	3:A:26:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:N	3:A:26:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:N	3:A:26:PCW:N	7	4.47
(1,57)	2:B:185:CYS:N	3:A:26:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:26:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:N	3:A:26:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:N	3:A:26:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:N	3:A:26:PCW:P	7	4.47
(1,57)	2:B:185:CYS:N	3:A:27:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:27:PCW:C12	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:N	3:A:27:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:N	3:A:27:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:N	3:A:27:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:N	3:A:27:PCW:N	7	4.47
(1,57)	2:B:185:CYS:N	3:A:27:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:27:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:N	3:A:27:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:N	3:A:27:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:N	3:A:27:PCW:P	7	4.47
(1,57)	2:B:185:CYS:N	3:A:28:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:28:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:N	3:A:28:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:N	3:A:28:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:N	3:A:28:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:N	3:A:28:PCW:N	7	4.47
(1,57)	2:B:185:CYS:N	3:A:28:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:28:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:N	3:A:28:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:N	3:A:28:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:N	3:A:28:PCW:P	7	4.47
(1,57)	2:B:185:CYS:N	3:A:29:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:29:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:N	3:A:29:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:N	3:A:29:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:N	3:A:29:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:N	3:A:29:PCW:N	7	4.47
(1,57)	2:B:185:CYS:N	3:A:29:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:29:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:N	3:A:29:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:N	3:A:29:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:N	3:A:29:PCW:P	7	4.47
(1,57)	2:B:185:CYS:N	3:A:30:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:30:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:N	3:A:30:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:N	3:A:30:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:N	3:A:30:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:N	3:A:30:PCW:N	7	4.47
(1,57)	2:B:185:CYS:N	3:A:30:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:30:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:N	3:A:30:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:N	3:A:30:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:N	3:A:30:PCW:P	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:N	3:A:31:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:31:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:N	3:A:31:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:N	3:A:31:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:N	3:A:31:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:N	3:A:31:PCW:N	7	4.47
(1,57)	2:B:185:CYS:N	3:A:31:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:31:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:N	3:A:31:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:N	3:A:31:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:N	3:A:31:PCW:P	7	4.47
(1,57)	2:B:185:CYS:N	3:A:32:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:32:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:N	3:A:32:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:N	3:A:32:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:N	3:A:32:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:N	3:A:32:PCW:N	7	4.47
(1,57)	2:B:185:CYS:N	3:A:32:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:N	3:A:32:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:N	3:A:32:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:N	3:A:32:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:N	3:A:32:PCW:P	7	4.47
(1,57)	2:B:185:CYS:N	4:A:33:17F:C7	7	4.47
(1,57)	2:B:185:CYS:N	4:A:33:17F:C8	7	4.47
(1,57)	2:B:185:CYS:N	4:A:33:17F:C9	7	4.47
(1,57)	2:B:185:CYS:N	4:A:33:17F:N1	7	4.47
(1,57)	2:B:185:CYS:N	4:A:33:17F:O10	7	4.47
(1,57)	2:B:185:CYS:N	4:A:33:17F:O4	7	4.47
(1,57)	2:B:185:CYS:N	4:A:33:17F:O5	7	4.47
(1,57)	2:B:185:CYS:N	4:A:33:17F:O7	7	4.47
(1,57)	2:B:185:CYS:N	4:A:33:17F:O9	7	4.47
(1,57)	2:B:185:CYS:N	4:A:33:17F:P1	7	4.47
(1,57)	2:B:185:CYS:N	4:A:34:17F:C7	7	4.47
(1,57)	2:B:185:CYS:N	4:A:34:17F:C8	7	4.47
(1,57)	2:B:185:CYS:N	4:A:34:17F:C9	7	4.47
(1,57)	2:B:185:CYS:N	4:A:34:17F:N1	7	4.47
(1,57)	2:B:185:CYS:N	4:A:34:17F:O10	7	4.47
(1,57)	2:B:185:CYS:N	4:A:34:17F:O4	7	4.47
(1,57)	2:B:185:CYS:N	4:A:34:17F:O5	7	4.47
(1,57)	2:B:185:CYS:N	4:A:34:17F:O7	7	4.47
(1,57)	2:B:185:CYS:N	4:A:34:17F:O9	7	4.47
(1,57)	2:B:185:CYS:N	4:A:34:17F:P1	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:N	4:A:35:17F:C7	7	4.47
(1,57)	2:B:185:CYS:N	4:A:35:17F:C8	7	4.47
(1,57)	2:B:185:CYS:N	4:A:35:17F:C9	7	4.47
(1,57)	2:B:185:CYS:N	4:A:35:17F:N1	7	4.47
(1,57)	2:B:185:CYS:N	4:A:35:17F:O10	7	4.47
(1,57)	2:B:185:CYS:N	4:A:35:17F:O4	7	4.47
(1,57)	2:B:185:CYS:N	4:A:35:17F:O5	7	4.47
(1,57)	2:B:185:CYS:N	4:A:35:17F:O7	7	4.47
(1,57)	2:B:185:CYS:N	4:A:35:17F:O9	7	4.47
(1,57)	2:B:185:CYS:N	4:A:35:17F:P1	7	4.47
(1,57)	2:B:185:CYS:N	4:A:36:17F:C7	7	4.47
(1,57)	2:B:185:CYS:N	4:A:36:17F:C8	7	4.47
(1,57)	2:B:185:CYS:N	4:A:36:17F:C9	7	4.47
(1,57)	2:B:185:CYS:N	4:A:36:17F:N1	7	4.47
(1,57)	2:B:185:CYS:N	4:A:36:17F:O10	7	4.47
(1,57)	2:B:185:CYS:N	4:A:36:17F:O4	7	4.47
(1,57)	2:B:185:CYS:N	4:A:36:17F:O5	7	4.47
(1,57)	2:B:185:CYS:N	4:A:36:17F:O7	7	4.47
(1,57)	2:B:185:CYS:N	4:A:36:17F:O9	7	4.47
(1,57)	2:B:185:CYS:N	4:A:36:17F:P1	7	4.47
(1,57)	2:B:185:CYS:N	4:A:37:17F:C7	7	4.47
(1,57)	2:B:185:CYS:N	4:A:37:17F:C8	7	4.47
(1,57)	2:B:185:CYS:N	4:A:37:17F:C9	7	4.47
(1,57)	2:B:185:CYS:N	4:A:37:17F:N1	7	4.47
(1,57)	2:B:185:CYS:N	4:A:37:17F:O10	7	4.47
(1,57)	2:B:185:CYS:N	4:A:37:17F:O4	7	4.47
(1,57)	2:B:185:CYS:N	4:A:37:17F:O5	7	4.47
(1,57)	2:B:185:CYS:N	4:A:37:17F:O7	7	4.47
(1,57)	2:B:185:CYS:N	4:A:37:17F:O9	7	4.47
(1,57)	2:B:185:CYS:N	4:A:37:17F:P1	7	4.47
(1,57)	2:B:185:CYS:N	4:A:38:17F:C7	7	4.47
(1,57)	2:B:185:CYS:N	4:A:38:17F:C8	7	4.47
(1,57)	2:B:185:CYS:N	4:A:38:17F:C9	7	4.47
(1,57)	2:B:185:CYS:N	4:A:38:17F:N1	7	4.47
(1,57)	2:B:185:CYS:N	4:A:38:17F:O10	7	4.47
(1,57)	2:B:185:CYS:N	4:A:38:17F:O4	7	4.47
(1,57)	2:B:185:CYS:N	4:A:38:17F:O5	7	4.47
(1,57)	2:B:185:CYS:N	4:A:38:17F:O7	7	4.47
(1,57)	2:B:185:CYS:N	4:A:38:17F:O9	7	4.47
(1,57)	2:B:185:CYS:N	4:A:38:17F:P1	7	4.47
(1,57)	2:B:185:CYS:N	4:A:39:17F:C7	7	4.47
(1,57)	2:B:185:CYS:N	4:A:39:17F:C8	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:N	4:A:39:17F:C9	7	4.47
(1,57)	2:B:185:CYS:N	4:A:39:17F:N1	7	4.47
(1,57)	2:B:185:CYS:N	4:A:39:17F:O10	7	4.47
(1,57)	2:B:185:CYS:N	4:A:39:17F:O4	7	4.47
(1,57)	2:B:185:CYS:N	4:A:39:17F:O5	7	4.47
(1,57)	2:B:185:CYS:N	4:A:39:17F:O7	7	4.47
(1,57)	2:B:185:CYS:N	4:A:39:17F:O9	7	4.47
(1,57)	2:B:185:CYS:N	4:A:39:17F:P1	7	4.47
(1,57)	2:B:185:CYS:N	4:A:40:17F:C7	7	4.47
(1,57)	2:B:185:CYS:N	4:A:40:17F:C8	7	4.47
(1,57)	2:B:185:CYS:N	4:A:40:17F:C9	7	4.47
(1,57)	2:B:185:CYS:N	4:A:40:17F:N1	7	4.47
(1,57)	2:B:185:CYS:N	4:A:40:17F:O10	7	4.47
(1,57)	2:B:185:CYS:N	4:A:40:17F:O4	7	4.47
(1,57)	2:B:185:CYS:N	4:A:40:17F:O5	7	4.47
(1,57)	2:B:185:CYS:N	4:A:40:17F:O7	7	4.47
(1,57)	2:B:185:CYS:N	4:A:40:17F:O9	7	4.47
(1,57)	2:B:185:CYS:N	4:A:40:17F:P1	7	4.47
(1,57)	2:B:185:CYS:N	2:B:1:MET:N	7	4.47
(1,57)	2:B:185:CYS:N	2:B:2:THR:N	7	4.47
(1,57)	2:B:185:CYS:O	3:A:1:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:1:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:O	3:A:1:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:O	3:A:1:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:O	3:A:1:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:O	3:A:1:PCW:N	7	4.47
(1,57)	2:B:185:CYS:O	3:A:1:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:1:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:O	3:A:1:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:O	3:A:1:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:O	3:A:1:PCW:P	7	4.47
(1,57)	2:B:185:CYS:O	3:A:2:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:2:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:O	3:A:2:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:O	3:A:2:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:O	3:A:2:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:O	3:A:2:PCW:N	7	4.47
(1,57)	2:B:185:CYS:O	3:A:2:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:2:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:O	3:A:2:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:O	3:A:2:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:O	3:A:2:PCW:P	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:O	3:A:3:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:3:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:O	3:A:3:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:O	3:A:3:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:O	3:A:3:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:O	3:A:3:PCW:N	7	4.47
(1,57)	2:B:185:CYS:O	3:A:3:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:3:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:O	3:A:3:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:O	3:A:3:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:O	3:A:3:PCW:P	7	4.47
(1,57)	2:B:185:CYS:O	3:A:4:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:4:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:O	3:A:4:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:O	3:A:4:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:O	3:A:4:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:O	3:A:4:PCW:N	7	4.47
(1,57)	2:B:185:CYS:O	3:A:4:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:4:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:O	3:A:4:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:O	3:A:4:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:O	3:A:4:PCW:P	7	4.47
(1,57)	2:B:185:CYS:O	3:A:5:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:5:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:O	3:A:5:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:O	3:A:5:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:O	3:A:5:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:O	3:A:5:PCW:N	7	4.47
(1,57)	2:B:185:CYS:O	3:A:5:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:5:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:O	3:A:5:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:O	3:A:5:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:O	3:A:5:PCW:P	7	4.47
(1,57)	2:B:185:CYS:O	3:A:6:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:6:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:O	3:A:6:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:O	3:A:6:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:O	3:A:6:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:O	3:A:6:PCW:N	7	4.47
(1,57)	2:B:185:CYS:O	3:A:6:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:6:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:O	3:A:6:PCW:O3	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:O	3:A:6:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:O	3:A:6:PCW:P	7	4.47
(1,57)	2:B:185:CYS:O	3:A:7:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:7:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:O	3:A:7:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:O	3:A:7:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:O	3:A:7:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:O	3:A:7:PCW:N	7	4.47
(1,57)	2:B:185:CYS:O	3:A:7:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:7:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:O	3:A:7:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:O	3:A:7:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:O	3:A:7:PCW:P	7	4.47
(1,57)	2:B:185:CYS:O	3:A:8:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:8:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:O	3:A:8:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:O	3:A:8:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:O	3:A:8:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:O	3:A:8:PCW:N	7	4.47
(1,57)	2:B:185:CYS:O	3:A:8:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:8:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:O	3:A:8:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:O	3:A:8:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:O	3:A:8:PCW:P	7	4.47
(1,57)	2:B:185:CYS:O	3:A:9:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:9:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:O	3:A:9:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:O	3:A:9:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:O	3:A:9:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:O	3:A:9:PCW:N	7	4.47
(1,57)	2:B:185:CYS:O	3:A:9:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:9:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:O	3:A:9:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:O	3:A:9:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:O	3:A:9:PCW:P	7	4.47
(1,57)	2:B:185:CYS:O	3:A:10:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:10:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:O	3:A:10:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:O	3:A:10:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:O	3:A:10:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:O	3:A:10:PCW:N	7	4.47
(1,57)	2:B:185:CYS:O	3:A:10:PCW:O11	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:O	3:A:10:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:O	3:A:10:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:O	3:A:10:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:O	3:A:10:PCW:P	7	4.47
(1,57)	2:B:185:CYS:O	3:A:11:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:11:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:O	3:A:11:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:O	3:A:11:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:O	3:A:11:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:O	3:A:11:PCW:N	7	4.47
(1,57)	2:B:185:CYS:O	3:A:11:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:11:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:O	3:A:11:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:O	3:A:11:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:O	3:A:11:PCW:P	7	4.47
(1,57)	2:B:185:CYS:O	3:A:12:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:12:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:O	3:A:12:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:O	3:A:12:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:O	3:A:12:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:O	3:A:12:PCW:N	7	4.47
(1,57)	2:B:185:CYS:O	3:A:12:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:12:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:O	3:A:12:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:O	3:A:12:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:O	3:A:12:PCW:P	7	4.47
(1,57)	2:B:185:CYS:O	3:A:13:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:13:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:O	3:A:13:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:O	3:A:13:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:O	3:A:13:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:O	3:A:13:PCW:N	7	4.47
(1,57)	2:B:185:CYS:O	3:A:13:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:13:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:O	3:A:13:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:O	3:A:13:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:O	3:A:13:PCW:P	7	4.47
(1,57)	2:B:185:CYS:O	3:A:14:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:14:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:O	3:A:14:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:O	3:A:14:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:O	3:A:14:PCW:C15	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:O	3:A:14:PCW:N	7	4.47
(1,57)	2:B:185:CYS:O	3:A:14:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:14:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:O	3:A:14:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:O	3:A:14:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:O	3:A:14:PCW:P	7	4.47
(1,57)	2:B:185:CYS:O	3:A:15:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:15:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:O	3:A:15:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:O	3:A:15:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:O	3:A:15:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:O	3:A:15:PCW:N	7	4.47
(1,57)	2:B:185:CYS:O	3:A:15:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:15:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:O	3:A:15:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:O	3:A:15:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:O	3:A:15:PCW:P	7	4.47
(1,57)	2:B:185:CYS:O	3:A:16:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:16:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:O	3:A:16:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:O	3:A:16:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:O	3:A:16:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:O	3:A:16:PCW:N	7	4.47
(1,57)	2:B:185:CYS:O	3:A:16:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:16:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:O	3:A:16:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:O	3:A:16:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:O	3:A:16:PCW:P	7	4.47
(1,57)	2:B:185:CYS:O	3:A:17:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:17:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:O	3:A:17:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:O	3:A:17:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:O	3:A:17:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:O	3:A:17:PCW:N	7	4.47
(1,57)	2:B:185:CYS:O	3:A:17:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:17:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:O	3:A:17:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:O	3:A:17:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:O	3:A:17:PCW:P	7	4.47
(1,57)	2:B:185:CYS:O	3:A:18:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:18:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:O	3:A:18:PCW:C13	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:O	3:A:18:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:O	3:A:18:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:O	3:A:18:PCW:N	7	4.47
(1,57)	2:B:185:CYS:O	3:A:18:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:18:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:O	3:A:18:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:O	3:A:18:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:O	3:A:18:PCW:P	7	4.47
(1,57)	2:B:185:CYS:O	3:A:19:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:19:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:O	3:A:19:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:O	3:A:19:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:O	3:A:19:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:O	3:A:19:PCW:N	7	4.47
(1,57)	2:B:185:CYS:O	3:A:19:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:19:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:O	3:A:19:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:O	3:A:19:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:O	3:A:19:PCW:P	7	4.47
(1,57)	2:B:185:CYS:O	3:A:20:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:20:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:O	3:A:20:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:O	3:A:20:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:O	3:A:20:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:O	3:A:20:PCW:N	7	4.47
(1,57)	2:B:185:CYS:O	3:A:20:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:20:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:O	3:A:20:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:O	3:A:20:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:O	3:A:20:PCW:P	7	4.47
(1,57)	2:B:185:CYS:O	3:A:21:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:21:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:O	3:A:21:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:O	3:A:21:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:O	3:A:21:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:O	3:A:21:PCW:N	7	4.47
(1,57)	2:B:185:CYS:O	3:A:21:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:21:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:O	3:A:21:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:O	3:A:21:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:O	3:A:21:PCW:P	7	4.47
(1,57)	2:B:185:CYS:O	3:A:22:PCW:C11	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:O	3:A:22:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:O	3:A:22:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:O	3:A:22:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:O	3:A:22:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:O	3:A:22:PCW:N	7	4.47
(1,57)	2:B:185:CYS:O	3:A:22:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:22:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:O	3:A:22:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:O	3:A:22:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:O	3:A:22:PCW:P	7	4.47
(1,57)	2:B:185:CYS:O	3:A:23:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:23:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:O	3:A:23:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:O	3:A:23:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:O	3:A:23:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:O	3:A:23:PCW:N	7	4.47
(1,57)	2:B:185:CYS:O	3:A:23:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:23:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:O	3:A:23:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:O	3:A:23:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:O	3:A:23:PCW:P	7	4.47
(1,57)	2:B:185:CYS:O	3:A:24:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:24:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:O	3:A:24:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:O	3:A:24:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:O	3:A:24:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:O	3:A:24:PCW:N	7	4.47
(1,57)	2:B:185:CYS:O	3:A:24:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:24:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:O	3:A:24:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:O	3:A:24:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:O	3:A:24:PCW:P	7	4.47
(1,57)	2:B:185:CYS:O	3:A:25:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:25:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:O	3:A:25:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:O	3:A:25:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:O	3:A:25:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:O	3:A:25:PCW:N	7	4.47
(1,57)	2:B:185:CYS:O	3:A:25:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:25:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:O	3:A:25:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:O	3:A:25:PCW:O31	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:O	3:A:25:PCW:P	7	4.47
(1,57)	2:B:185:CYS:O	3:A:26:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:26:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:O	3:A:26:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:O	3:A:26:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:O	3:A:26:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:O	3:A:26:PCW:N	7	4.47
(1,57)	2:B:185:CYS:O	3:A:26:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:26:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:O	3:A:26:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:O	3:A:26:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:O	3:A:26:PCW:P	7	4.47
(1,57)	2:B:185:CYS:O	3:A:27:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:27:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:O	3:A:27:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:O	3:A:27:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:O	3:A:27:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:O	3:A:27:PCW:N	7	4.47
(1,57)	2:B:185:CYS:O	3:A:27:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:27:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:O	3:A:27:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:O	3:A:27:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:O	3:A:27:PCW:P	7	4.47
(1,57)	2:B:185:CYS:O	3:A:28:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:28:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:O	3:A:28:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:O	3:A:28:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:O	3:A:28:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:O	3:A:28:PCW:N	7	4.47
(1,57)	2:B:185:CYS:O	3:A:28:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:28:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:O	3:A:28:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:O	3:A:28:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:O	3:A:28:PCW:P	7	4.47
(1,57)	2:B:185:CYS:O	3:A:29:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:29:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:O	3:A:29:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:O	3:A:29:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:O	3:A:29:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:O	3:A:29:PCW:N	7	4.47
(1,57)	2:B:185:CYS:O	3:A:29:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:29:PCW:O2	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:O	3:A:29:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:O	3:A:29:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:O	3:A:29:PCW:P	7	4.47
(1,57)	2:B:185:CYS:O	3:A:30:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:30:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:O	3:A:30:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:O	3:A:30:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:O	3:A:30:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:O	3:A:30:PCW:N	7	4.47
(1,57)	2:B:185:CYS:O	3:A:30:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:30:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:O	3:A:30:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:O	3:A:30:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:O	3:A:30:PCW:P	7	4.47
(1,57)	2:B:185:CYS:O	3:A:31:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:31:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:O	3:A:31:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:O	3:A:31:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:O	3:A:31:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:O	3:A:31:PCW:N	7	4.47
(1,57)	2:B:185:CYS:O	3:A:31:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:31:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:O	3:A:31:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:O	3:A:31:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:O	3:A:31:PCW:P	7	4.47
(1,57)	2:B:185:CYS:O	3:A:32:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:32:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:O	3:A:32:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:O	3:A:32:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:O	3:A:32:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:O	3:A:32:PCW:N	7	4.47
(1,57)	2:B:185:CYS:O	3:A:32:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:O	3:A:32:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:O	3:A:32:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:O	3:A:32:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:O	3:A:32:PCW:P	7	4.47
(1,57)	2:B:185:CYS:O	4:A:33:17F:C7	7	4.47
(1,57)	2:B:185:CYS:O	4:A:33:17F:C8	7	4.47
(1,57)	2:B:185:CYS:O	4:A:33:17F:C9	7	4.47
(1,57)	2:B:185:CYS:O	4:A:33:17F:N1	7	4.47
(1,57)	2:B:185:CYS:O	4:A:33:17F:O10	7	4.47
(1,57)	2:B:185:CYS:O	4:A:33:17F:O4	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:O	4:A:33:17F:O5	7	4.47
(1,57)	2:B:185:CYS:O	4:A:33:17F:O7	7	4.47
(1,57)	2:B:185:CYS:O	4:A:33:17F:O9	7	4.47
(1,57)	2:B:185:CYS:O	4:A:33:17F:P1	7	4.47
(1,57)	2:B:185:CYS:O	4:A:34:17F:C7	7	4.47
(1,57)	2:B:185:CYS:O	4:A:34:17F:C8	7	4.47
(1,57)	2:B:185:CYS:O	4:A:34:17F:C9	7	4.47
(1,57)	2:B:185:CYS:O	4:A:34:17F:N1	7	4.47
(1,57)	2:B:185:CYS:O	4:A:34:17F:O10	7	4.47
(1,57)	2:B:185:CYS:O	4:A:34:17F:O4	7	4.47
(1,57)	2:B:185:CYS:O	4:A:34:17F:O5	7	4.47
(1,57)	2:B:185:CYS:O	4:A:34:17F:O7	7	4.47
(1,57)	2:B:185:CYS:O	4:A:34:17F:O9	7	4.47
(1,57)	2:B:185:CYS:O	4:A:34:17F:P1	7	4.47
(1,57)	2:B:185:CYS:O	4:A:35:17F:C7	7	4.47
(1,57)	2:B:185:CYS:O	4:A:35:17F:C8	7	4.47
(1,57)	2:B:185:CYS:O	4:A:35:17F:C9	7	4.47
(1,57)	2:B:185:CYS:O	4:A:35:17F:N1	7	4.47
(1,57)	2:B:185:CYS:O	4:A:35:17F:O10	7	4.47
(1,57)	2:B:185:CYS:O	4:A:35:17F:O4	7	4.47
(1,57)	2:B:185:CYS:O	4:A:35:17F:O5	7	4.47
(1,57)	2:B:185:CYS:O	4:A:35:17F:O7	7	4.47
(1,57)	2:B:185:CYS:O	4:A:35:17F:O9	7	4.47
(1,57)	2:B:185:CYS:O	4:A:35:17F:P1	7	4.47
(1,57)	2:B:185:CYS:O	4:A:36:17F:C7	7	4.47
(1,57)	2:B:185:CYS:O	4:A:36:17F:C8	7	4.47
(1,57)	2:B:185:CYS:O	4:A:36:17F:C9	7	4.47
(1,57)	2:B:185:CYS:O	4:A:36:17F:N1	7	4.47
(1,57)	2:B:185:CYS:O	4:A:36:17F:O10	7	4.47
(1,57)	2:B:185:CYS:O	4:A:36:17F:O4	7	4.47
(1,57)	2:B:185:CYS:O	4:A:36:17F:O5	7	4.47
(1,57)	2:B:185:CYS:O	4:A:36:17F:O7	7	4.47
(1,57)	2:B:185:CYS:O	4:A:36:17F:O9	7	4.47
(1,57)	2:B:185:CYS:O	4:A:36:17F:P1	7	4.47
(1,57)	2:B:185:CYS:O	4:A:37:17F:C7	7	4.47
(1,57)	2:B:185:CYS:O	4:A:37:17F:C8	7	4.47
(1,57)	2:B:185:CYS:O	4:A:37:17F:C9	7	4.47
(1,57)	2:B:185:CYS:O	4:A:37:17F:N1	7	4.47
(1,57)	2:B:185:CYS:O	4:A:37:17F:O10	7	4.47
(1,57)	2:B:185:CYS:O	4:A:37:17F:O4	7	4.47
(1,57)	2:B:185:CYS:O	4:A:37:17F:O5	7	4.47
(1,57)	2:B:185:CYS:O	4:A:37:17F:O7	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:O	4:A:37:17F:O9	7	4.47
(1,57)	2:B:185:CYS:O	4:A:37:17F:P1	7	4.47
(1,57)	2:B:185:CYS:O	4:A:38:17F:C7	7	4.47
(1,57)	2:B:185:CYS:O	4:A:38:17F:C8	7	4.47
(1,57)	2:B:185:CYS:O	4:A:38:17F:C9	7	4.47
(1,57)	2:B:185:CYS:O	4:A:38:17F:N1	7	4.47
(1,57)	2:B:185:CYS:O	4:A:38:17F:O10	7	4.47
(1,57)	2:B:185:CYS:O	4:A:38:17F:O4	7	4.47
(1,57)	2:B:185:CYS:O	4:A:38:17F:O5	7	4.47
(1,57)	2:B:185:CYS:O	4:A:38:17F:O7	7	4.47
(1,57)	2:B:185:CYS:O	4:A:38:17F:O9	7	4.47
(1,57)	2:B:185:CYS:O	4:A:38:17F:P1	7	4.47
(1,57)	2:B:185:CYS:O	4:A:39:17F:C7	7	4.47
(1,57)	2:B:185:CYS:O	4:A:39:17F:C8	7	4.47
(1,57)	2:B:185:CYS:O	4:A:39:17F:C9	7	4.47
(1,57)	2:B:185:CYS:O	4:A:39:17F:N1	7	4.47
(1,57)	2:B:185:CYS:O	4:A:39:17F:O10	7	4.47
(1,57)	2:B:185:CYS:O	4:A:39:17F:O4	7	4.47
(1,57)	2:B:185:CYS:O	4:A:39:17F:O5	7	4.47
(1,57)	2:B:185:CYS:O	4:A:39:17F:O7	7	4.47
(1,57)	2:B:185:CYS:O	4:A:39:17F:O9	7	4.47
(1,57)	2:B:185:CYS:O	4:A:39:17F:P1	7	4.47
(1,57)	2:B:185:CYS:O	4:A:40:17F:C7	7	4.47
(1,57)	2:B:185:CYS:O	4:A:40:17F:C8	7	4.47
(1,57)	2:B:185:CYS:O	4:A:40:17F:C9	7	4.47
(1,57)	2:B:185:CYS:O	4:A:40:17F:N1	7	4.47
(1,57)	2:B:185:CYS:O	4:A:40:17F:O10	7	4.47
(1,57)	2:B:185:CYS:O	4:A:40:17F:O4	7	4.47
(1,57)	2:B:185:CYS:O	4:A:40:17F:O5	7	4.47
(1,57)	2:B:185:CYS:O	4:A:40:17F:O7	7	4.47
(1,57)	2:B:185:CYS:O	4:A:40:17F:O9	7	4.47
(1,57)	2:B:185:CYS:O	4:A:40:17F:P1	7	4.47
(1,57)	2:B:185:CYS:O	2:B:1:MET:N	7	4.47
(1,57)	2:B:185:CYS:O	2:B:2:THR:N	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:1:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:1:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:1:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:1:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:1:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:1:PCW:N	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:1:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:1:PCW:O2	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:SG	3:A:1:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:1:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:1:PCW:P	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:2:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:2:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:2:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:2:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:2:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:2:PCW:N	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:2:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:2:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:2:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:2:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:2:PCW:P	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:3:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:3:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:3:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:3:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:3:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:3:PCW:N	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:3:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:3:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:3:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:3:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:3:PCW:P	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:4:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:4:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:4:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:4:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:4:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:4:PCW:N	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:4:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:4:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:4:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:4:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:4:PCW:P	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:5:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:5:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:5:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:5:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:5:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:5:PCW:N	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:SG	3:A:5:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:5:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:5:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:5:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:5:PCW:P	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:6:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:6:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:6:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:6:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:6:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:6:PCW:N	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:6:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:6:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:6:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:6:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:6:PCW:P	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:7:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:7:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:7:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:7:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:7:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:7:PCW:N	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:7:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:7:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:7:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:7:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:7:PCW:P	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:8:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:8:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:8:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:8:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:8:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:8:PCW:N	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:8:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:8:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:8:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:8:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:8:PCW:P	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:9:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:9:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:9:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:9:PCW:C14	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:SG	3:A:9:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:9:PCW:N	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:9:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:9:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:9:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:9:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:9:PCW:P	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:10:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:10:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:10:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:10:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:10:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:10:PCW:N	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:10:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:10:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:10:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:10:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:10:PCW:P	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:11:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:11:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:11:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:11:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:11:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:11:PCW:N	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:11:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:11:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:11:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:11:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:11:PCW:P	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:12:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:12:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:12:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:12:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:12:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:12:PCW:N	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:12:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:12:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:12:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:12:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:12:PCW:P	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:13:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:13:PCW:C12	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:SG	3:A:13:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:13:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:13:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:13:PCW:N	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:13:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:13:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:13:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:13:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:13:PCW:P	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:14:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:14:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:14:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:14:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:14:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:14:PCW:N	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:14:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:14:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:14:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:14:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:14:PCW:P	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:15:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:15:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:15:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:15:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:15:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:15:PCW:N	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:15:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:15:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:15:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:15:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:15:PCW:P	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:16:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:16:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:16:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:16:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:16:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:16:PCW:N	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:16:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:16:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:16:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:16:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:16:PCW:P	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:SG	3:A:17:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:17:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:17:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:17:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:17:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:17:PCW:N	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:17:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:17:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:17:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:17:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:17:PCW:P	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:18:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:18:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:18:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:18:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:18:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:18:PCW:N	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:18:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:18:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:18:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:18:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:18:PCW:P	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:19:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:19:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:19:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:19:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:19:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:19:PCW:N	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:19:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:19:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:19:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:19:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:19:PCW:P	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:20:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:20:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:20:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:20:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:20:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:20:PCW:N	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:20:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:20:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:20:PCW:O3	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:SG	3:A:20:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:20:PCW:P	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:21:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:21:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:21:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:21:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:21:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:21:PCW:N	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:21:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:21:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:21:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:21:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:21:PCW:P	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:22:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:22:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:22:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:22:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:22:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:22:PCW:N	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:22:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:22:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:22:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:22:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:22:PCW:P	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:23:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:23:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:23:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:23:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:23:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:23:PCW:N	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:23:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:23:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:23:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:23:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:23:PCW:P	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:24:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:24:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:24:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:24:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:24:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:24:PCW:N	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:24:PCW:O11	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:SG	3:A:24:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:24:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:24:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:24:PCW:P	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:25:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:25:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:25:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:25:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:25:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:25:PCW:N	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:25:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:25:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:25:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:25:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:25:PCW:P	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:26:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:26:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:26:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:26:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:26:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:26:PCW:N	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:26:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:26:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:26:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:26:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:26:PCW:P	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:27:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:27:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:27:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:27:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:27:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:27:PCW:N	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:27:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:27:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:27:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:27:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:27:PCW:P	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:28:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:28:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:28:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:28:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:28:PCW:C15	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:SG	3:A:28:PCW:N	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:28:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:28:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:28:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:28:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:28:PCW:P	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:29:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:29:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:29:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:29:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:29:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:29:PCW:N	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:29:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:29:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:29:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:29:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:29:PCW:P	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:30:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:30:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:30:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:30:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:30:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:30:PCW:N	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:30:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:30:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:30:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:30:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:30:PCW:P	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:31:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:31:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:31:PCW:C13	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:31:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:31:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:31:PCW:N	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:31:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:31:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:31:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:31:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:31:PCW:P	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:32:PCW:C11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:32:PCW:C12	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:32:PCW:C13	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:SG	3:A:32:PCW:C14	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:32:PCW:C15	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:32:PCW:N	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:32:PCW:O11	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:32:PCW:O2	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:32:PCW:O3	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:32:PCW:O31	7	4.47
(1,57)	2:B:185:CYS:SG	3:A:32:PCW:P	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:33:17F:C7	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:33:17F:C8	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:33:17F:C9	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:33:17F:N1	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:33:17F:O10	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:33:17F:O4	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:33:17F:O5	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:33:17F:O7	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:33:17F:O9	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:33:17F:P1	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:34:17F:C7	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:34:17F:C8	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:34:17F:C9	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:34:17F:N1	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:34:17F:O10	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:34:17F:O4	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:34:17F:O5	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:34:17F:O7	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:34:17F:O9	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:34:17F:P1	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:35:17F:C7	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:35:17F:C8	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:35:17F:C9	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:35:17F:N1	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:35:17F:O10	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:35:17F:O4	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:35:17F:O5	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:35:17F:O7	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:35:17F:O9	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:35:17F:P1	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:36:17F:C7	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:36:17F:C8	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:36:17F:C9	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:36:17F:N1	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:SG	4:A:36:17F:O10	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:36:17F:O4	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:36:17F:O5	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:36:17F:O7	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:36:17F:O9	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:36:17F:P1	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:37:17F:C7	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:37:17F:C8	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:37:17F:C9	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:37:17F:N1	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:37:17F:O10	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:37:17F:O4	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:37:17F:O5	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:37:17F:O7	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:37:17F:O9	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:37:17F:P1	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:38:17F:C7	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:38:17F:C8	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:38:17F:C9	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:38:17F:N1	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:38:17F:O10	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:38:17F:O4	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:38:17F:O5	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:38:17F:O7	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:38:17F:O9	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:38:17F:P1	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:39:17F:C7	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:39:17F:C8	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:39:17F:C9	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:39:17F:N1	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:39:17F:O10	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:39:17F:O4	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:39:17F:O5	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:39:17F:O7	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:39:17F:O9	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:39:17F:P1	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:40:17F:C7	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:40:17F:C8	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:40:17F:C9	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:40:17F:N1	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:40:17F:O10	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:40:17F:O4	7	4.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,57)	2:B:185:CYS:SG	4:A:40:17F:O5	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:40:17F:O7	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:40:17F:O9	7	4.47
(1,57)	2:B:185:CYS:SG	4:A:40:17F:P1	7	4.47
(1,57)	2:B:185:CYS:SG	2:B:1:MET:N	7	4.47
(1,57)	2:B:185:CYS:SG	2:B:2:THR:N	7	4.47
(1,18)	3:A:18:PCW:C11	2:B:1:MET:C	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:1:MET:CA	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:1:MET:CB	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:1:MET:CE	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:1:MET:CG	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:1:MET:H	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:1:MET:N	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:1:MET:O	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:1:MET:SD	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:2:THR:C	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:2:THR:CA	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:2:THR:CB	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:2:THR:CG2	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:2:THR:H	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:2:THR:HG1	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:2:THR:N	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:2:THR:O	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:2:THR:OG1	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:3:GLU:C	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:3:GLU:CA	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:3:GLU:CB	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:3:GLU:CD	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:3:GLU:CG	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:3:GLU:H	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:3:GLU:N	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:3:GLU:O	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:3:GLU:OE1	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:3:GLU:OE2	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:4:TYR:C	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:4:TYR:CA	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:4:TYR:CB	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:4:TYR:CD1	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:4:TYR:CD2	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:4:TYR:CE1	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:4:TYR:CE2	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:4:TYR:CG	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:C11	2:B:4:TYR:CZ	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:4:TYR:H	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:4:TYR:HH	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:4:TYR:N	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:4:TYR:O	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:4:TYR:OH	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:47:ASP:C	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:47:ASP:CA	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:47:ASP:CB	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:47:ASP:CG	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:47:ASP:H	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:47:ASP:N	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:47:ASP:O	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:47:ASP:OD1	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:47:ASP:OD2	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:48:GLY:C	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:48:GLY:CA	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:48:GLY:H	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:48:GLY:N	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:48:GLY:O	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:49:GLU:C	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:49:GLU:CA	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:49:GLU:CB	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:49:GLU:CD	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:49:GLU:CG	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:49:GLU:H	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:49:GLU:N	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:49:GLU:O	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:49:GLU:OE1	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:49:GLU:OE2	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:50:THR:C	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:50:THR:CA	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:50:THR:CB	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:50:THR:CG2	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:50:THR:H	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:50:THR:HG1	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:50:THR:N	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:50:THR:O	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:50:THR:OG1	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:51:CYS:C	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:51:CYS:CA	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:51:CYS:CB	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:C11	2:B:51:CYS:H	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:51:CYS:HG	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:51:CYS:N	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:51:CYS:O	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:51:CYS:SG	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:105:ASP:C	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:105:ASP:CA	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:105:ASP:CB	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:105:ASP:CG	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:105:ASP:H	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:105:ASP:N	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:105:ASP:O	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:105:ASP:OD1	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:105:ASP:OD2	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:106:SER:C	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:106:SER:CA	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:106:SER:CB	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:106:SER:H	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:106:SER:HG	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:106:SER:N	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:106:SER:O	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:106:SER:OG	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:107:GLU:C	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:107:GLU:CA	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:107:GLU:CB	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:107:GLU:CD	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:107:GLU:CG	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:107:GLU:H	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:107:GLU:N	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:107:GLU:O	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:107:GLU:OE1	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:107:GLU:OE2	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:132:ASP:C	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:132:ASP:CA	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:132:ASP:CB	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:132:ASP:CG	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:132:ASP:H	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:132:ASP:N	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:132:ASP:O	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:132:ASP:OD1	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:132:ASP:OD2	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:133:LEU:C	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:C11	2:B:133:LEU:CA	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:133:LEU:CB	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:133:LEU:CD1	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:133:LEU:CD2	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:133:LEU:CG	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:133:LEU:H	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:133:LEU:N	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:133:LEU:O	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:134:ALA:C	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:134:ALA:CA	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:134:ALA:CB	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:134:ALA:H	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:134:ALA:N	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:134:ALA:O	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:137:TYR:C	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:137:TYR:CA	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:137:TYR:CB	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:137:TYR:CD1	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:137:TYR:CD2	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:137:TYR:CE1	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:137:TYR:CE2	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:137:TYR:CG	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:137:TYR:CZ	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:137:TYR:H	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:137:TYR:HH	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:137:TYR:N	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:137:TYR:O	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:137:TYR:OH	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:138:GLY:C	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:138:GLY:CA	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:138:GLY:H	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:138:GLY:N	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:138:GLY:O	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:139:ILE:C	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:139:ILE:CA	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:139:ILE:CB	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:139:ILE:CD1	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:139:ILE:CG1	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:139:ILE:CG2	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:139:ILE:H	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:139:ILE:N	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:139:ILE:O	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:C11	2:B:140:PRO:C	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:140:PRO:CA	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:140:PRO:CB	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:140:PRO:CD	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:140:PRO:CG	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:140:PRO:N	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:140:PRO:O	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:141:PHE:C	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:141:PHE:CA	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:141:PHE:CB	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:141:PHE:CD1	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:141:PHE:CD2	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:141:PHE:CE1	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:141:PHE:CE2	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:141:PHE:CG	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:141:PHE:CZ	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:141:PHE:H	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:141:PHE:N	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:141:PHE:O	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:142:ILE:C	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:142:ILE:CA	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:142:ILE:CB	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:142:ILE:CD1	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:142:ILE:CG1	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:142:ILE:CG2	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:142:ILE:H	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:142:ILE:N	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:142:ILE:O	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:143:GLU:C	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:143:GLU:CA	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:143:GLU:CB	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:143:GLU:CD	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:143:GLU:CG	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:143:GLU:H	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:143:GLU:N	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:143:GLU:O	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:143:GLU:OE1	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:143:GLU:OE2	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:158:THR:C	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:158:THR:CA	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:158:THR:CB	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:158:THR:CG2	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:C11	2:B:158:THR:H	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:158:THR:HG1	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:158:THR:N	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:158:THR:O	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:158:THR:OG1	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:159:LEU:C	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:159:LEU:CA	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:159:LEU:CB	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:159:LEU:CD1	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:159:LEU:CD2	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:159:LEU:CG	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:159:LEU:H	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:159:LEU:N	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:159:LEU:O	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:160:VAL:C	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:160:VAL:CA	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:160:VAL:CB	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:160:VAL:CG1	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:160:VAL:CG2	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:160:VAL:H	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:160:VAL:N	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:160:VAL:O	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:170:MET:C	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:170:MET:CA	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:170:MET:CB	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:170:MET:CE	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:170:MET:CG	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:170:MET:H	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:170:MET:N	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:170:MET:O	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:170:MET:SD	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:171:SER:C	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:171:SER:CA	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:171:SER:CB	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:171:SER:H	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:171:SER:HG	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:171:SER:N	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:171:SER:O	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:171:SER:OG	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:172:LYS:C	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:172:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:172:LYS:CB	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:C11	2:B:172:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:172:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:172:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:172:LYS:H	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:172:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:172:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:172:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:172:LYS:N	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:172:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:172:LYS:O	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:173:ASP:C	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:173:ASP:CA	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:173:ASP:CB	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:173:ASP:CG	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:173:ASP:H	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:173:ASP:N	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:173:ASP:O	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:173:ASP:OD1	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:173:ASP:OD2	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:174:GLY:C	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:174:GLY:CA	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:174:GLY:H	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:174:GLY:N	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:174:GLY:O	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:175:LYS:C	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:175:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:175:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:175:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:175:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:175:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:175:LYS:H	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:175:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:175:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:175:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:175:LYS:N	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:175:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:175:LYS:O	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:176:LYS:C	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:176:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:176:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:176:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:176:LYS:CE	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:C11	2:B:176:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:176:LYS:H	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:176:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:176:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:176:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:176:LYS:N	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:176:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:176:LYS:O	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:177:LYS:C	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:177:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:177:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:177:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:177:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:177:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:177:LYS:H	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:177:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:177:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:177:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:177:LYS:N	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:177:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:177:LYS:O	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:178:LYS:C	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:178:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:178:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:178:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:178:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:178:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:178:LYS:H	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:178:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:178:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:178:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:178:LYS:N	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:178:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:178:LYS:O	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:184:LYS:C	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:184:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:184:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:184:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:184:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:184:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:184:LYS:H	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:184:LYS:HZ1	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:C11	2:B:184:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:184:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:184:LYS:N	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:184:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:184:LYS:O	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:185:CYS:C	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:185:CYS:CA	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:185:CYS:CB	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:185:CYS:H	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:185:CYS:HG	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:185:CYS:N	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:185:CYS:O	6	4.44
(1,18)	3:A:18:PCW:C11	2:B:185:CYS:SG	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:1:MET:C	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:1:MET:CA	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:1:MET:CB	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:1:MET:CE	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:1:MET:CG	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:1:MET:H	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:1:MET:N	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:1:MET:O	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:1:MET:SD	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:2:THR:C	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:2:THR:CA	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:2:THR:CB	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:2:THR:CG2	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:2:THR:H	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:2:THR:HG1	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:2:THR:N	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:2:THR:O	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:2:THR:OG1	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:3:GLU:C	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:3:GLU:CA	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:3:GLU:CB	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:3:GLU:CD	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:3:GLU:CG	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:3:GLU:H	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:3:GLU:N	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:3:GLU:O	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:3:GLU:OE1	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:3:GLU:OE2	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:4:TYR:C	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:C12	2:B:4:TYR:CA	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:4:TYR:CB	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:4:TYR:CD1	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:4:TYR:CD2	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:4:TYR:CE1	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:4:TYR:CE2	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:4:TYR:CG	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:4:TYR:CZ	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:4:TYR:H	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:4:TYR:HH	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:4:TYR:N	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:4:TYR:O	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:4:TYR:OH	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:47:ASP:C	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:47:ASP:CA	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:47:ASP:CB	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:47:ASP:CG	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:47:ASP:H	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:47:ASP:N	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:47:ASP:O	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:47:ASP:OD1	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:47:ASP:OD2	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:48:GLY:C	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:48:GLY:CA	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:48:GLY:H	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:48:GLY:N	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:48:GLY:O	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:49:GLU:C	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:49:GLU:CA	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:49:GLU:CB	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:49:GLU:CD	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:49:GLU:CG	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:49:GLU:H	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:49:GLU:N	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:49:GLU:O	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:49:GLU:OE1	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:49:GLU:OE2	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:50:THR:C	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:50:THR:CA	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:50:THR:CB	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:50:THR:CG2	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:50:THR:H	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:C12	2:B:50:THR:HG1	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:50:THR:N	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:50:THR:O	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:50:THR:OG1	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:51:CYS:C	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:51:CYS:CA	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:51:CYS:CB	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:51:CYS:H	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:51:CYS:HG	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:51:CYS:N	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:51:CYS:O	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:51:CYS:SG	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:105:ASP:C	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:105:ASP:CA	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:105:ASP:CB	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:105:ASP:CG	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:105:ASP:H	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:105:ASP:N	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:105:ASP:O	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:105:ASP:OD1	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:105:ASP:OD2	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:106:SER:C	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:106:SER:CA	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:106:SER:CB	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:106:SER:H	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:106:SER:HG	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:106:SER:N	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:106:SER:O	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:106:SER:OG	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:107:GLU:C	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:107:GLU:CA	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:107:GLU:CB	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:107:GLU:CD	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:107:GLU:CG	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:107:GLU:H	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:107:GLU:N	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:107:GLU:O	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:107:GLU:OE1	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:107:GLU:OE2	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:132:ASP:C	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:132:ASP:CA	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:132:ASP:CB	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:C12	2:B:132:ASP:CG	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:132:ASP:H	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:132:ASP:N	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:132:ASP:O	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:132:ASP:OD1	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:132:ASP:OD2	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:133:LEU:C	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:133:LEU:CA	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:133:LEU:CB	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:133:LEU:CD1	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:133:LEU:CD2	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:133:LEU:CG	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:133:LEU:H	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:133:LEU:N	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:133:LEU:O	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:134:ALA:C	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:134:ALA:CA	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:134:ALA:CB	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:134:ALA:H	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:134:ALA:N	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:134:ALA:O	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:137:TYR:C	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:137:TYR:CA	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:137:TYR:CB	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:137:TYR:CD1	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:137:TYR:CD2	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:137:TYR:CE1	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:137:TYR:CE2	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:137:TYR:CG	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:137:TYR:CZ	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:137:TYR:H	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:137:TYR:HH	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:137:TYR:N	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:137:TYR:O	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:137:TYR:OH	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:138:GLY:C	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:138:GLY:CA	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:138:GLY:H	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:138:GLY:N	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:138:GLY:O	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:139:ILE:C	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:139:ILE:CA	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:C12	2:B:139:ILE:CB	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:139:ILE:CD1	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:139:ILE:CG1	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:139:ILE:CG2	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:139:ILE:H	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:139:ILE:N	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:139:ILE:O	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:140:PRO:C	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:140:PRO:CA	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:140:PRO:CB	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:140:PRO:CD	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:140:PRO:CG	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:140:PRO:N	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:140:PRO:O	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:141:PHE:C	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:141:PHE:CA	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:141:PHE:CB	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:141:PHE:CD1	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:141:PHE:CD2	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:141:PHE:CE1	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:141:PHE:CE2	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:141:PHE:CG	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:141:PHE:CZ	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:141:PHE:H	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:141:PHE:N	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:141:PHE:O	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:142:ILE:C	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:142:ILE:CA	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:142:ILE:CB	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:142:ILE:CD1	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:142:ILE:CG1	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:142:ILE:CG2	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:142:ILE:H	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:142:ILE:N	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:142:ILE:O	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:143:GLU:C	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:143:GLU:CA	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:143:GLU:CB	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:143:GLU:CD	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:143:GLU:CG	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:143:GLU:H	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:143:GLU:N	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:C12	2:B:143:GLU:O	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:143:GLU:OE1	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:143:GLU:OE2	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:158:THR:C	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:158:THR:CA	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:158:THR:CB	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:158:THR:CG2	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:158:THR:H	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:158:THR:HG1	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:158:THR:N	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:158:THR:O	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:158:THR:OG1	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:159:LEU:C	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:159:LEU:CA	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:159:LEU:CB	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:159:LEU:CD1	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:159:LEU:CD2	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:159:LEU:CG	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:159:LEU:H	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:159:LEU:N	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:159:LEU:O	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:160:VAL:C	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:160:VAL:CA	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:160:VAL:CB	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:160:VAL:CG1	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:160:VAL:CG2	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:160:VAL:H	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:160:VAL:N	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:160:VAL:O	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:170:MET:C	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:170:MET:CA	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:170:MET:CB	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:170:MET:CE	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:170:MET:CG	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:170:MET:H	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:170:MET:N	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:170:MET:O	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:170:MET:SD	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:171:SER:C	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:171:SER:CA	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:171:SER:CB	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:171:SER:H	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:C12	2:B:171:SER:HG	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:171:SER:N	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:171:SER:O	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:171:SER:OG	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:172:LYS:C	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:172:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:172:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:172:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:172:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:172:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:172:LYS:H	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:172:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:172:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:172:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:172:LYS:N	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:172:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:172:LYS:O	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:173:ASP:C	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:173:ASP:CA	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:173:ASP:CB	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:173:ASP:CG	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:173:ASP:H	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:173:ASP:N	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:173:ASP:O	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:173:ASP:OD1	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:173:ASP:OD2	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:174:GLY:C	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:174:GLY:CA	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:174:GLY:H	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:174:GLY:N	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:174:GLY:O	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:175:LYS:C	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:175:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:175:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:175:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:175:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:175:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:175:LYS:H	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:175:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:175:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:175:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:175:LYS:N	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:C12	2:B:175:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:175:LYS:O	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:176:LYS:C	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:176:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:176:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:176:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:176:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:176:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:176:LYS:H	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:176:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:176:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:176:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:176:LYS:N	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:176:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:176:LYS:O	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:177:LYS:C	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:177:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:177:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:177:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:177:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:177:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:177:LYS:H	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:177:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:177:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:177:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:177:LYS:N	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:177:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:177:LYS:O	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:178:LYS:C	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:178:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:178:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:178:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:178:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:178:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:178:LYS:H	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:178:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:178:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:178:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:178:LYS:N	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:178:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:178:LYS:O	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:184:LYS:C	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:C12	2:B:184:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:184:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:184:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:184:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:184:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:184:LYS:H	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:184:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:184:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:184:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:184:LYS:N	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:184:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:184:LYS:O	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:185:CYS:C	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:185:CYS:CA	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:185:CYS:CB	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:185:CYS:H	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:185:CYS:HG	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:185:CYS:N	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:185:CYS:O	6	4.44
(1,18)	3:A:18:PCW:C12	2:B:185:CYS:SG	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:1:MET:C	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:1:MET:CA	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:1:MET:CB	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:1:MET:CE	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:1:MET:CG	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:1:MET:H	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:1:MET:N	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:1:MET:O	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:1:MET:SD	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:2:THR:C	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:2:THR:CA	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:2:THR:CB	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:2:THR:CG2	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:2:THR:H	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:2:THR:HG1	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:2:THR:N	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:2:THR:O	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:2:THR:OG1	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:3:GLU:C	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:3:GLU:CA	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:3:GLU:CB	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:3:GLU:CD	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:C13	2:B:3:GLU:CG	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:3:GLU:H	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:3:GLU:N	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:3:GLU:O	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:3:GLU:OE1	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:3:GLU:OE2	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:4:TYR:C	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:4:TYR:CA	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:4:TYR:CB	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:4:TYR:CD1	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:4:TYR:CD2	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:4:TYR:CE1	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:4:TYR:CE2	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:4:TYR:CG	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:4:TYR:CZ	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:4:TYR:H	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:4:TYR:HH	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:4:TYR:N	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:4:TYR:O	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:4:TYR:OH	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:47:ASP:C	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:47:ASP:CA	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:47:ASP:CB	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:47:ASP:CG	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:47:ASP:H	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:47:ASP:N	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:47:ASP:O	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:47:ASP:OD1	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:47:ASP:OD2	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:48:GLY:C	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:48:GLY:CA	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:48:GLY:H	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:48:GLY:N	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:48:GLY:O	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:49:GLU:C	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:49:GLU:CA	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:49:GLU:CB	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:49:GLU:CD	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:49:GLU:CG	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:49:GLU:H	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:49:GLU:N	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:49:GLU:O	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:C13	2:B:49:GLU:OE1	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:49:GLU:OE2	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:50:THR:C	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:50:THR:CA	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:50:THR:CB	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:50:THR:CG2	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:50:THR:H	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:50:THR:HG1	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:50:THR:N	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:50:THR:O	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:50:THR:OG1	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:51:CYS:C	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:51:CYS:CA	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:51:CYS:CB	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:51:CYS:H	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:51:CYS:HG	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:51:CYS:N	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:51:CYS:O	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:51:CYS:SG	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:105:ASP:C	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:105:ASP:CA	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:105:ASP:CB	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:105:ASP:CG	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:105:ASP:H	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:105:ASP:N	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:105:ASP:O	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:105:ASP:OD1	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:105:ASP:OD2	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:106:SER:C	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:106:SER:CA	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:106:SER:CB	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:106:SER:H	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:106:SER:HG	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:106:SER:N	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:106:SER:O	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:106:SER:OG	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:107:GLU:C	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:107:GLU:CA	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:107:GLU:CB	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:107:GLU:CD	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:107:GLU:CG	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:107:GLU:H	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:C13	2:B:107:GLU:N	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:107:GLU:O	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:107:GLU:OE1	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:107:GLU:OE2	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:132:ASP:C	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:132:ASP:CA	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:132:ASP:CB	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:132:ASP:CG	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:132:ASP:H	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:132:ASP:N	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:132:ASP:O	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:132:ASP:OD1	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:132:ASP:OD2	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:133:LEU:C	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:133:LEU:CA	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:133:LEU:CB	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:133:LEU:CD1	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:133:LEU:CD2	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:133:LEU:CG	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:133:LEU:H	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:133:LEU:N	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:133:LEU:O	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:134:ALA:C	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:134:ALA:CA	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:134:ALA:CB	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:134:ALA:H	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:134:ALA:N	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:134:ALA:O	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:137:TYR:C	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:137:TYR:CA	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:137:TYR:CB	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:137:TYR:CD1	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:137:TYR:CD2	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:137:TYR:CE1	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:137:TYR:CE2	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:137:TYR:CG	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:137:TYR:CZ	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:137:TYR:H	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:137:TYR:HH	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:137:TYR:N	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:137:TYR:O	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:137:TYR:OH	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:C13	2:B:138:GLY:C	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:138:GLY:CA	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:138:GLY:H	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:138:GLY:N	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:138:GLY:O	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:139:ILE:C	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:139:ILE:CA	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:139:ILE:CB	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:139:ILE:CD1	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:139:ILE:CG1	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:139:ILE:CG2	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:139:ILE:H	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:139:ILE:N	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:139:ILE:O	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:140:PRO:C	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:140:PRO:CA	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:140:PRO:CB	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:140:PRO:CD	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:140:PRO:CG	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:140:PRO:N	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:140:PRO:O	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:141:PHE:C	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:141:PHE:CA	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:141:PHE:CB	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:141:PHE:CD1	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:141:PHE:CD2	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:141:PHE:CE1	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:141:PHE:CE2	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:141:PHE:CG	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:141:PHE:CZ	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:141:PHE:H	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:141:PHE:N	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:141:PHE:O	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:142:ILE:C	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:142:ILE:CA	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:142:ILE:CB	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:142:ILE:CD1	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:142:ILE:CG1	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:142:ILE:CG2	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:142:ILE:H	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:142:ILE:N	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:142:ILE:O	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:C13	2:B:143:GLU:C	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:143:GLU:CA	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:143:GLU:CB	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:143:GLU:CD	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:143:GLU:CG	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:143:GLU:H	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:143:GLU:N	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:143:GLU:O	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:143:GLU:OE1	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:143:GLU:OE2	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:158:THR:C	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:158:THR:CA	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:158:THR:CB	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:158:THR:CG2	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:158:THR:H	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:158:THR:HG1	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:158:THR:N	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:158:THR:O	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:158:THR:OG1	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:159:LEU:C	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:159:LEU:CA	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:159:LEU:CB	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:159:LEU:CD1	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:159:LEU:CD2	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:159:LEU:CG	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:159:LEU:H	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:159:LEU:N	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:159:LEU:O	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:160:VAL:C	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:160:VAL:CA	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:160:VAL:CB	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:160:VAL:CG1	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:160:VAL:CG2	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:160:VAL:H	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:160:VAL:N	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:160:VAL:O	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:170:MET:C	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:170:MET:CA	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:170:MET:CB	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:170:MET:CE	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:170:MET:CG	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:170:MET:H	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:C13	2:B:170:MET:N	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:170:MET:O	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:170:MET:SD	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:171:SER:C	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:171:SER:CA	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:171:SER:CB	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:171:SER:H	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:171:SER:HG	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:171:SER:N	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:171:SER:O	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:171:SER:OG	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:172:LYS:C	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:172:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:172:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:172:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:172:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:172:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:172:LYS:H	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:172:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:172:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:172:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:172:LYS:N	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:172:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:172:LYS:O	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:173:ASP:C	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:173:ASP:CA	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:173:ASP:CB	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:173:ASP:CG	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:173:ASP:H	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:173:ASP:N	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:173:ASP:O	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:173:ASP:OD1	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:173:ASP:OD2	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:174:GLY:C	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:174:GLY:CA	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:174:GLY:H	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:174:GLY:N	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:174:GLY:O	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:175:LYS:C	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:175:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:175:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:175:LYS:CD	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:C13	2:B:175:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:175:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:175:LYS:H	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:175:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:175:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:175:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:175:LYS:N	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:175:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:175:LYS:O	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:176:LYS:C	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:176:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:176:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:176:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:176:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:176:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:176:LYS:H	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:176:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:176:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:176:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:176:LYS:N	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:176:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:176:LYS:O	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:177:LYS:C	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:177:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:177:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:177:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:177:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:177:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:177:LYS:H	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:177:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:177:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:177:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:177:LYS:N	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:177:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:177:LYS:O	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:178:LYS:C	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:178:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:178:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:178:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:178:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:178:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:178:LYS:H	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:C13	2:B:178:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:178:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:178:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:178:LYS:N	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:178:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:178:LYS:O	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:184:LYS:C	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:184:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:184:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:184:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:184:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:184:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:184:LYS:H	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:184:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:184:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:184:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:184:LYS:N	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:184:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:184:LYS:O	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:185:CYS:C	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:185:CYS:CA	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:185:CYS:CB	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:185:CYS:H	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:185:CYS:HG	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:185:CYS:N	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:185:CYS:O	6	4.44
(1,18)	3:A:18:PCW:C13	2:B:185:CYS:SG	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:1:MET:C	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:1:MET:CA	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:1:MET:CB	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:1:MET:CE	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:1:MET:CG	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:1:MET:H	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:1:MET:N	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:1:MET:O	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:1:MET:SD	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:2:THR:C	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:2:THR:CA	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:2:THR:CB	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:2:THR:CG2	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:2:THR:H	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:2:THR:HG1	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:C14	2:B:2:THR:N	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:2:THR:O	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:2:THR:OG1	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:3:GLU:C	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:3:GLU:CA	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:3:GLU:CB	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:3:GLU:CD	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:3:GLU:CG	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:3:GLU:H	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:3:GLU:N	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:3:GLU:O	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:3:GLU:OE1	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:3:GLU:OE2	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:4:TYR:C	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:4:TYR:CA	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:4:TYR:CB	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:4:TYR:CD1	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:4:TYR:CD2	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:4:TYR:CE1	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:4:TYR:CE2	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:4:TYR:CG	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:4:TYR:CZ	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:4:TYR:H	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:4:TYR:HH	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:4:TYR:N	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:4:TYR:O	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:4:TYR:OH	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:47:ASP:C	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:47:ASP:CA	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:47:ASP:CB	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:47:ASP:CG	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:47:ASP:H	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:47:ASP:N	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:47:ASP:O	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:47:ASP:OD1	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:47:ASP:OD2	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:48:GLY:C	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:48:GLY:CA	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:48:GLY:H	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:48:GLY:N	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:48:GLY:O	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:49:GLU:C	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:C14	2:B:49:GLU:CA	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:49:GLU:CB	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:49:GLU:CD	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:49:GLU:CG	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:49:GLU:H	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:49:GLU:N	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:49:GLU:O	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:49:GLU:OE1	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:49:GLU:OE2	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:50:THR:C	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:50:THR:CA	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:50:THR:CB	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:50:THR:CG2	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:50:THR:H	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:50:THR:HG1	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:50:THR:N	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:50:THR:O	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:50:THR:OG1	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:51:CYS:C	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:51:CYS:CA	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:51:CYS:CB	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:51:CYS:H	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:51:CYS:HG	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:51:CYS:N	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:51:CYS:O	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:51:CYS:SG	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:105:ASP:C	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:105:ASP:CA	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:105:ASP:CB	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:105:ASP:CG	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:105:ASP:H	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:105:ASP:N	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:105:ASP:O	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:105:ASP:OD1	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:105:ASP:OD2	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:106:SER:C	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:106:SER:CA	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:106:SER:CB	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:106:SER:H	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:106:SER:HG	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:106:SER:N	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:106:SER:O	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:C14	2:B:106:SER:OG	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:107:GLU:C	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:107:GLU:CA	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:107:GLU:CB	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:107:GLU:CD	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:107:GLU:CG	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:107:GLU:H	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:107:GLU:N	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:107:GLU:O	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:107:GLU:OE1	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:107:GLU:OE2	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:132:ASP:C	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:132:ASP:CA	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:132:ASP:CB	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:132:ASP:CG	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:132:ASP:H	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:132:ASP:N	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:132:ASP:O	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:132:ASP:OD1	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:132:ASP:OD2	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:133:LEU:C	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:133:LEU:CA	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:133:LEU:CB	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:133:LEU:CD1	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:133:LEU:CD2	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:133:LEU:CG	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:133:LEU:H	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:133:LEU:N	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:133:LEU:O	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:134:ALA:C	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:134:ALA:CA	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:134:ALA:CB	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:134:ALA:H	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:134:ALA:N	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:134:ALA:O	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:137:TYR:C	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:137:TYR:CA	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:137:TYR:CB	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:137:TYR:CD1	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:137:TYR:CD2	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:137:TYR:CE1	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:137:TYR:CE2	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:C14	2:B:137:TYR:CG	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:137:TYR:CZ	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:137:TYR:H	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:137:TYR:HH	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:137:TYR:N	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:137:TYR:O	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:137:TYR:OH	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:138:GLY:C	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:138:GLY:CA	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:138:GLY:H	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:138:GLY:N	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:138:GLY:O	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:139:ILE:C	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:139:ILE:CA	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:139:ILE:CB	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:139:ILE:CD1	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:139:ILE:CG1	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:139:ILE:CG2	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:139:ILE:H	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:139:ILE:N	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:139:ILE:O	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:140:PRO:C	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:140:PRO:CA	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:140:PRO:CB	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:140:PRO:CD	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:140:PRO:CG	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:140:PRO:N	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:140:PRO:O	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:141:PHE:C	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:141:PHE:CA	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:141:PHE:CB	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:141:PHE:CD1	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:141:PHE:CD2	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:141:PHE:CE1	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:141:PHE:CE2	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:141:PHE:CG	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:141:PHE:CZ	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:141:PHE:H	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:141:PHE:N	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:141:PHE:O	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:142:ILE:C	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:142:ILE:CA	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:C14	2:B:142:ILE:CB	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:142:ILE:CD1	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:142:ILE:CG1	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:142:ILE:CG2	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:142:ILE:H	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:142:ILE:N	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:142:ILE:O	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:143:GLU:C	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:143:GLU:CA	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:143:GLU:CB	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:143:GLU:CD	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:143:GLU:CG	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:143:GLU:H	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:143:GLU:N	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:143:GLU:O	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:143:GLU:OE1	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:143:GLU:OE2	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:158:THR:C	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:158:THR:CA	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:158:THR:CB	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:158:THR:CG2	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:158:THR:H	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:158:THR:HG1	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:158:THR:N	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:158:THR:O	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:158:THR:OG1	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:159:LEU:C	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:159:LEU:CA	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:159:LEU:CB	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:159:LEU:CD1	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:159:LEU:CD2	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:159:LEU:CG	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:159:LEU:H	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:159:LEU:N	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:159:LEU:O	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:160:VAL:C	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:160:VAL:CA	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:160:VAL:CB	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:160:VAL:CG1	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:160:VAL:CG2	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:160:VAL:H	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:160:VAL:N	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:C14	2:B:160:VAL:O	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:170:MET:C	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:170:MET:CA	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:170:MET:CB	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:170:MET:CE	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:170:MET:CG	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:170:MET:H	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:170:MET:N	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:170:MET:O	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:170:MET:SD	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:171:SER:C	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:171:SER:CA	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:171:SER:CB	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:171:SER:H	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:171:SER:HG	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:171:SER:N	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:171:SER:O	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:171:SER:OG	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:172:LYS:C	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:172:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:172:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:172:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:172:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:172:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:172:LYS:H	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:172:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:172:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:172:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:172:LYS:N	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:172:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:172:LYS:O	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:173:ASP:C	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:173:ASP:CA	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:173:ASP:CB	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:173:ASP:CG	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:173:ASP:H	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:173:ASP:N	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:173:ASP:O	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:173:ASP:OD1	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:173:ASP:OD2	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:174:GLY:C	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:174:GLY:CA	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:C14	2:B:174:GLY:H	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:174:GLY:N	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:174:GLY:O	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:175:LYS:C	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:175:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:175:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:175:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:175:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:175:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:175:LYS:H	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:175:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:175:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:175:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:175:LYS:N	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:175:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:175:LYS:O	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:176:LYS:C	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:176:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:176:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:176:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:176:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:176:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:176:LYS:H	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:176:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:176:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:176:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:176:LYS:N	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:176:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:176:LYS:O	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:177:LYS:C	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:177:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:177:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:177:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:177:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:177:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:177:LYS:H	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:177:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:177:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:177:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:177:LYS:N	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:177:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:177:LYS:O	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:C14	2:B:178:LYS:C	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:178:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:178:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:178:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:178:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:178:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:178:LYS:H	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:178:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:178:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:178:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:178:LYS:N	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:178:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:178:LYS:O	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:184:LYS:C	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:184:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:184:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:184:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:184:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:184:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:184:LYS:H	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:184:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:184:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:184:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:184:LYS:N	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:184:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:184:LYS:O	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:185:CYS:C	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:185:CYS:CA	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:185:CYS:CB	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:185:CYS:H	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:185:CYS:HG	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:185:CYS:N	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:185:CYS:O	6	4.44
(1,18)	3:A:18:PCW:C14	2:B:185:CYS:SG	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:1:MET:C	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:1:MET:CA	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:1:MET:CB	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:1:MET:CE	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:1:MET:CG	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:1:MET:H	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:1:MET:N	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:1:MET:O	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:C15	2:B:1:MET:SD	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:2:THR:C	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:2:THR:CA	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:2:THR:CB	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:2:THR:CG2	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:2:THR:H	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:2:THR:HG1	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:2:THR:N	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:2:THR:O	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:2:THR:OG1	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:3:GLU:C	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:3:GLU:CA	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:3:GLU:CB	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:3:GLU:CD	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:3:GLU:CG	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:3:GLU:H	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:3:GLU:N	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:3:GLU:O	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:3:GLU:OE1	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:3:GLU:OE2	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:4:TYR:C	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:4:TYR:CA	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:4:TYR:CB	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:4:TYR:CD1	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:4:TYR:CD2	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:4:TYR:CE1	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:4:TYR:CE2	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:4:TYR:CG	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:4:TYR:CZ	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:4:TYR:H	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:4:TYR:HH	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:4:TYR:N	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:4:TYR:O	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:4:TYR:OH	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:47:ASP:C	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:47:ASP:CA	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:47:ASP:CB	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:47:ASP:CG	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:47:ASP:H	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:47:ASP:N	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:47:ASP:O	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:47:ASP:OD1	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:C15	2:B:47:ASP:OD2	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:48:GLY:C	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:48:GLY:CA	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:48:GLY:H	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:48:GLY:N	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:48:GLY:O	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:49:GLU:C	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:49:GLU:CA	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:49:GLU:CB	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:49:GLU:CD	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:49:GLU:CG	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:49:GLU:H	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:49:GLU:N	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:49:GLU:O	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:49:GLU:OE1	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:49:GLU:OE2	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:50:THR:C	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:50:THR:CA	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:50:THR:CB	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:50:THR:CG2	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:50:THR:H	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:50:THR:HG1	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:50:THR:N	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:50:THR:O	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:50:THR:OG1	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:51:CYS:C	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:51:CYS:CA	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:51:CYS:CB	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:51:CYS:H	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:51:CYS:HG	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:51:CYS:N	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:51:CYS:O	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:51:CYS:SG	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:105:ASP:C	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:105:ASP:CA	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:105:ASP:CB	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:105:ASP:CG	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:105:ASP:H	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:105:ASP:N	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:105:ASP:O	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:105:ASP:OD1	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:105:ASP:OD2	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:C15	2:B:106:SER:C	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:106:SER:CA	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:106:SER:CB	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:106:SER:H	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:106:SER:HG	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:106:SER:N	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:106:SER:O	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:106:SER:OG	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:107:GLU:C	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:107:GLU:CA	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:107:GLU:CB	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:107:GLU:CD	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:107:GLU:CG	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:107:GLU:H	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:107:GLU:N	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:107:GLU:O	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:107:GLU:OE1	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:107:GLU:OE2	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:132:ASP:C	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:132:ASP:CA	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:132:ASP:CB	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:132:ASP:CG	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:132:ASP:H	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:132:ASP:N	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:132:ASP:O	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:132:ASP:OD1	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:132:ASP:OD2	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:133:LEU:C	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:133:LEU:CA	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:133:LEU:CB	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:133:LEU:CD1	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:133:LEU:CD2	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:133:LEU:CG	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:133:LEU:H	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:133:LEU:N	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:133:LEU:O	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:134:ALA:C	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:134:ALA:CA	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:134:ALA:CB	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:134:ALA:H	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:134:ALA:N	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:134:ALA:O	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:C15	2:B:137:TYR:C	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:137:TYR:CA	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:137:TYR:CB	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:137:TYR:CD1	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:137:TYR:CD2	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:137:TYR:CE1	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:137:TYR:CE2	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:137:TYR:CG	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:137:TYR:CZ	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:137:TYR:H	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:137:TYR:HH	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:137:TYR:N	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:137:TYR:O	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:137:TYR:OH	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:138:GLY:C	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:138:GLY:CA	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:138:GLY:H	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:138:GLY:N	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:138:GLY:O	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:139:ILE:C	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:139:ILE:CA	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:139:ILE:CB	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:139:ILE:CD1	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:139:ILE:CG1	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:139:ILE:CG2	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:139:ILE:H	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:139:ILE:N	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:139:ILE:O	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:140:PRO:C	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:140:PRO:CA	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:140:PRO:CB	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:140:PRO:CD	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:140:PRO:CG	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:140:PRO:N	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:140:PRO:O	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:141:PHE:C	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:141:PHE:CA	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:141:PHE:CB	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:141:PHE:CD1	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:141:PHE:CD2	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:141:PHE:CE1	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:141:PHE:CE2	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:C15	2:B:141:PHE:CG	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:141:PHE:CZ	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:141:PHE:H	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:141:PHE:N	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:141:PHE:O	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:142:ILE:C	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:142:ILE:CA	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:142:ILE:CB	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:142:ILE:CD1	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:142:ILE:CG1	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:142:ILE:CG2	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:142:ILE:H	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:142:ILE:N	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:142:ILE:O	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:143:GLU:C	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:143:GLU:CA	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:143:GLU:CB	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:143:GLU:CD	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:143:GLU:CG	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:143:GLU:H	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:143:GLU:N	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:143:GLU:O	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:143:GLU:OE1	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:143:GLU:OE2	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:158:THR:C	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:158:THR:CA	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:158:THR:CB	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:158:THR:CG2	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:158:THR:H	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:158:THR:HG1	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:158:THR:N	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:158:THR:O	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:158:THR:OG1	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:159:LEU:C	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:159:LEU:CA	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:159:LEU:CB	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:159:LEU:CD1	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:159:LEU:CD2	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:159:LEU:CG	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:159:LEU:H	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:159:LEU:N	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:159:LEU:O	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:C15	2:B:160:VAL:C	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:160:VAL:CA	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:160:VAL:CB	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:160:VAL:CG1	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:160:VAL:CG2	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:160:VAL:H	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:160:VAL:N	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:160:VAL:O	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:170:MET:C	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:170:MET:CA	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:170:MET:CB	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:170:MET:CE	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:170:MET:CG	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:170:MET:H	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:170:MET:N	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:170:MET:O	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:170:MET:SD	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:171:SER:C	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:171:SER:CA	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:171:SER:CB	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:171:SER:H	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:171:SER:HG	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:171:SER:N	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:171:SER:O	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:171:SER:OG	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:172:LYS:C	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:172:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:172:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:172:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:172:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:172:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:172:LYS:H	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:172:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:172:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:172:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:172:LYS:N	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:172:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:172:LYS:O	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:173:ASP:C	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:173:ASP:CA	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:173:ASP:CB	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:173:ASP:CG	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:C15	2:B:173:ASP:H	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:173:ASP:N	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:173:ASP:O	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:173:ASP:OD1	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:173:ASP:OD2	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:174:GLY:C	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:174:GLY:CA	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:174:GLY:H	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:174:GLY:N	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:174:GLY:O	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:175:LYS:C	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:175:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:175:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:175:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:175:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:175:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:175:LYS:H	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:175:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:175:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:175:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:175:LYS:N	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:175:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:175:LYS:O	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:176:LYS:C	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:176:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:176:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:176:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:176:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:176:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:176:LYS:H	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:176:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:176:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:176:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:176:LYS:N	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:176:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:176:LYS:O	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:177:LYS:C	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:177:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:177:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:177:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:177:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:177:LYS:CG	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:C15	2:B:177:LYS:H	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:177:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:177:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:177:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:177:LYS:N	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:177:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:177:LYS:O	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:178:LYS:C	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:178:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:178:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:178:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:178:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:178:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:178:LYS:H	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:178:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:178:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:178:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:178:LYS:N	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:178:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:178:LYS:O	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:184:LYS:C	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:184:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:184:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:184:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:184:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:184:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:184:LYS:H	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:184:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:184:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:184:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:184:LYS:N	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:184:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:184:LYS:O	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:185:CYS:C	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:185:CYS:CA	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:185:CYS:CB	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:185:CYS:H	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:185:CYS:HG	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:185:CYS:N	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:185:CYS:O	6	4.44
(1,18)	3:A:18:PCW:C15	2:B:185:CYS:SG	6	4.44
(1,18)	3:A:18:PCW:N	2:B:1:MET:C	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:N	2:B:1:MET:CA	6	4.44
(1,18)	3:A:18:PCW:N	2:B:1:MET:CB	6	4.44
(1,18)	3:A:18:PCW:N	2:B:1:MET:CE	6	4.44
(1,18)	3:A:18:PCW:N	2:B:1:MET:CG	6	4.44
(1,18)	3:A:18:PCW:N	2:B:1:MET:H	6	4.44
(1,18)	3:A:18:PCW:N	2:B:1:MET:N	6	4.44
(1,18)	3:A:18:PCW:N	2:B:1:MET:O	6	4.44
(1,18)	3:A:18:PCW:N	2:B:1:MET:SD	6	4.44
(1,18)	3:A:18:PCW:N	2:B:2:THR:C	6	4.44
(1,18)	3:A:18:PCW:N	2:B:2:THR:CA	6	4.44
(1,18)	3:A:18:PCW:N	2:B:2:THR:CB	6	4.44
(1,18)	3:A:18:PCW:N	2:B:2:THR:CG2	6	4.44
(1,18)	3:A:18:PCW:N	2:B:2:THR:H	6	4.44
(1,18)	3:A:18:PCW:N	2:B:2:THR:HG1	6	4.44
(1,18)	3:A:18:PCW:N	2:B:2:THR:N	6	4.44
(1,18)	3:A:18:PCW:N	2:B:2:THR:O	6	4.44
(1,18)	3:A:18:PCW:N	2:B:2:THR:OG1	6	4.44
(1,18)	3:A:18:PCW:N	2:B:3:GLU:C	6	4.44
(1,18)	3:A:18:PCW:N	2:B:3:GLU:CA	6	4.44
(1,18)	3:A:18:PCW:N	2:B:3:GLU:CB	6	4.44
(1,18)	3:A:18:PCW:N	2:B:3:GLU:CD	6	4.44
(1,18)	3:A:18:PCW:N	2:B:3:GLU:CG	6	4.44
(1,18)	3:A:18:PCW:N	2:B:3:GLU:H	6	4.44
(1,18)	3:A:18:PCW:N	2:B:3:GLU:N	6	4.44
(1,18)	3:A:18:PCW:N	2:B:3:GLU:O	6	4.44
(1,18)	3:A:18:PCW:N	2:B:3:GLU:OE1	6	4.44
(1,18)	3:A:18:PCW:N	2:B:3:GLU:OE2	6	4.44
(1,18)	3:A:18:PCW:N	2:B:4:TYR:C	6	4.44
(1,18)	3:A:18:PCW:N	2:B:4:TYR:CA	6	4.44
(1,18)	3:A:18:PCW:N	2:B:4:TYR:CB	6	4.44
(1,18)	3:A:18:PCW:N	2:B:4:TYR:CD1	6	4.44
(1,18)	3:A:18:PCW:N	2:B:4:TYR:CD2	6	4.44
(1,18)	3:A:18:PCW:N	2:B:4:TYR:CE1	6	4.44
(1,18)	3:A:18:PCW:N	2:B:4:TYR:CE2	6	4.44
(1,18)	3:A:18:PCW:N	2:B:4:TYR:CG	6	4.44
(1,18)	3:A:18:PCW:N	2:B:4:TYR:CZ	6	4.44
(1,18)	3:A:18:PCW:N	2:B:4:TYR:H	6	4.44
(1,18)	3:A:18:PCW:N	2:B:4:TYR:HH	6	4.44
(1,18)	3:A:18:PCW:N	2:B:4:TYR:N	6	4.44
(1,18)	3:A:18:PCW:N	2:B:4:TYR:O	6	4.44
(1,18)	3:A:18:PCW:N	2:B:4:TYR:OH	6	4.44
(1,18)	3:A:18:PCW:N	2:B:47:ASP:C	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:N	2:B:47:ASP:CA	6	4.44
(1,18)	3:A:18:PCW:N	2:B:47:ASP:CB	6	4.44
(1,18)	3:A:18:PCW:N	2:B:47:ASP:CG	6	4.44
(1,18)	3:A:18:PCW:N	2:B:47:ASP:H	6	4.44
(1,18)	3:A:18:PCW:N	2:B:47:ASP:N	6	4.44
(1,18)	3:A:18:PCW:N	2:B:47:ASP:O	6	4.44
(1,18)	3:A:18:PCW:N	2:B:47:ASP:OD1	6	4.44
(1,18)	3:A:18:PCW:N	2:B:47:ASP:OD2	6	4.44
(1,18)	3:A:18:PCW:N	2:B:48:GLY:C	6	4.44
(1,18)	3:A:18:PCW:N	2:B:48:GLY:CA	6	4.44
(1,18)	3:A:18:PCW:N	2:B:48:GLY:H	6	4.44
(1,18)	3:A:18:PCW:N	2:B:48:GLY:N	6	4.44
(1,18)	3:A:18:PCW:N	2:B:48:GLY:O	6	4.44
(1,18)	3:A:18:PCW:N	2:B:49:GLU:C	6	4.44
(1,18)	3:A:18:PCW:N	2:B:49:GLU:CA	6	4.44
(1,18)	3:A:18:PCW:N	2:B:49:GLU:CB	6	4.44
(1,18)	3:A:18:PCW:N	2:B:49:GLU:CD	6	4.44
(1,18)	3:A:18:PCW:N	2:B:49:GLU:CG	6	4.44
(1,18)	3:A:18:PCW:N	2:B:49:GLU:H	6	4.44
(1,18)	3:A:18:PCW:N	2:B:49:GLU:N	6	4.44
(1,18)	3:A:18:PCW:N	2:B:49:GLU:O	6	4.44
(1,18)	3:A:18:PCW:N	2:B:49:GLU:OE1	6	4.44
(1,18)	3:A:18:PCW:N	2:B:49:GLU:OE2	6	4.44
(1,18)	3:A:18:PCW:N	2:B:50:THR:C	6	4.44
(1,18)	3:A:18:PCW:N	2:B:50:THR:CA	6	4.44
(1,18)	3:A:18:PCW:N	2:B:50:THR:CB	6	4.44
(1,18)	3:A:18:PCW:N	2:B:50:THR:CG2	6	4.44
(1,18)	3:A:18:PCW:N	2:B:50:THR:H	6	4.44
(1,18)	3:A:18:PCW:N	2:B:50:THR:HG1	6	4.44
(1,18)	3:A:18:PCW:N	2:B:50:THR:N	6	4.44
(1,18)	3:A:18:PCW:N	2:B:50:THR:O	6	4.44
(1,18)	3:A:18:PCW:N	2:B:50:THR:OG1	6	4.44
(1,18)	3:A:18:PCW:N	2:B:51:CYS:C	6	4.44
(1,18)	3:A:18:PCW:N	2:B:51:CYS:CA	6	4.44
(1,18)	3:A:18:PCW:N	2:B:51:CYS:CB	6	4.44
(1,18)	3:A:18:PCW:N	2:B:51:CYS:H	6	4.44
(1,18)	3:A:18:PCW:N	2:B:51:CYS:HG	6	4.44
(1,18)	3:A:18:PCW:N	2:B:51:CYS:N	6	4.44
(1,18)	3:A:18:PCW:N	2:B:51:CYS:O	6	4.44
(1,18)	3:A:18:PCW:N	2:B:51:CYS:SG	6	4.44
(1,18)	3:A:18:PCW:N	2:B:105:ASP:C	6	4.44
(1,18)	3:A:18:PCW:N	2:B:105:ASP:CA	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:N	2:B:105:ASP:CB	6	4.44
(1,18)	3:A:18:PCW:N	2:B:105:ASP:CG	6	4.44
(1,18)	3:A:18:PCW:N	2:B:105:ASP:H	6	4.44
(1,18)	3:A:18:PCW:N	2:B:105:ASP:N	6	4.44
(1,18)	3:A:18:PCW:N	2:B:105:ASP:O	6	4.44
(1,18)	3:A:18:PCW:N	2:B:105:ASP:OD1	6	4.44
(1,18)	3:A:18:PCW:N	2:B:105:ASP:OD2	6	4.44
(1,18)	3:A:18:PCW:N	2:B:106:SER:C	6	4.44
(1,18)	3:A:18:PCW:N	2:B:106:SER:CA	6	4.44
(1,18)	3:A:18:PCW:N	2:B:106:SER:CB	6	4.44
(1,18)	3:A:18:PCW:N	2:B:106:SER:H	6	4.44
(1,18)	3:A:18:PCW:N	2:B:106:SER:HG	6	4.44
(1,18)	3:A:18:PCW:N	2:B:106:SER:N	6	4.44
(1,18)	3:A:18:PCW:N	2:B:106:SER:O	6	4.44
(1,18)	3:A:18:PCW:N	2:B:106:SER:OG	6	4.44
(1,18)	3:A:18:PCW:N	2:B:107:GLU:C	6	4.44
(1,18)	3:A:18:PCW:N	2:B:107:GLU:CA	6	4.44
(1,18)	3:A:18:PCW:N	2:B:107:GLU:CB	6	4.44
(1,18)	3:A:18:PCW:N	2:B:107:GLU:CD	6	4.44
(1,18)	3:A:18:PCW:N	2:B:107:GLU:CG	6	4.44
(1,18)	3:A:18:PCW:N	2:B:107:GLU:H	6	4.44
(1,18)	3:A:18:PCW:N	2:B:107:GLU:N	6	4.44
(1,18)	3:A:18:PCW:N	2:B:107:GLU:O	6	4.44
(1,18)	3:A:18:PCW:N	2:B:107:GLU:OE1	6	4.44
(1,18)	3:A:18:PCW:N	2:B:107:GLU:OE2	6	4.44
(1,18)	3:A:18:PCW:N	2:B:132:ASP:C	6	4.44
(1,18)	3:A:18:PCW:N	2:B:132:ASP:CA	6	4.44
(1,18)	3:A:18:PCW:N	2:B:132:ASP:CB	6	4.44
(1,18)	3:A:18:PCW:N	2:B:132:ASP:CG	6	4.44
(1,18)	3:A:18:PCW:N	2:B:132:ASP:H	6	4.44
(1,18)	3:A:18:PCW:N	2:B:132:ASP:N	6	4.44
(1,18)	3:A:18:PCW:N	2:B:132:ASP:O	6	4.44
(1,18)	3:A:18:PCW:N	2:B:132:ASP:OD1	6	4.44
(1,18)	3:A:18:PCW:N	2:B:132:ASP:OD2	6	4.44
(1,18)	3:A:18:PCW:N	2:B:133:LEU:C	6	4.44
(1,18)	3:A:18:PCW:N	2:B:133:LEU:CA	6	4.44
(1,18)	3:A:18:PCW:N	2:B:133:LEU:CB	6	4.44
(1,18)	3:A:18:PCW:N	2:B:133:LEU:CD1	6	4.44
(1,18)	3:A:18:PCW:N	2:B:133:LEU:CD2	6	4.44
(1,18)	3:A:18:PCW:N	2:B:133:LEU:CG	6	4.44
(1,18)	3:A:18:PCW:N	2:B:133:LEU:H	6	4.44
(1,18)	3:A:18:PCW:N	2:B:133:LEU:N	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:N	2:B:133:LEU:O	6	4.44
(1,18)	3:A:18:PCW:N	2:B:134:ALA:C	6	4.44
(1,18)	3:A:18:PCW:N	2:B:134:ALA:CA	6	4.44
(1,18)	3:A:18:PCW:N	2:B:134:ALA:CB	6	4.44
(1,18)	3:A:18:PCW:N	2:B:134:ALA:H	6	4.44
(1,18)	3:A:18:PCW:N	2:B:134:ALA:N	6	4.44
(1,18)	3:A:18:PCW:N	2:B:134:ALA:O	6	4.44
(1,18)	3:A:18:PCW:N	2:B:137:TYR:C	6	4.44
(1,18)	3:A:18:PCW:N	2:B:137:TYR:CA	6	4.44
(1,18)	3:A:18:PCW:N	2:B:137:TYR:CB	6	4.44
(1,18)	3:A:18:PCW:N	2:B:137:TYR:CD1	6	4.44
(1,18)	3:A:18:PCW:N	2:B:137:TYR:CD2	6	4.44
(1,18)	3:A:18:PCW:N	2:B:137:TYR:CE1	6	4.44
(1,18)	3:A:18:PCW:N	2:B:137:TYR:CE2	6	4.44
(1,18)	3:A:18:PCW:N	2:B:137:TYR:CG	6	4.44
(1,18)	3:A:18:PCW:N	2:B:137:TYR:CZ	6	4.44
(1,18)	3:A:18:PCW:N	2:B:137:TYR:H	6	4.44
(1,18)	3:A:18:PCW:N	2:B:137:TYR:HH	6	4.44
(1,18)	3:A:18:PCW:N	2:B:137:TYR:N	6	4.44
(1,18)	3:A:18:PCW:N	2:B:137:TYR:O	6	4.44
(1,18)	3:A:18:PCW:N	2:B:137:TYR:OH	6	4.44
(1,18)	3:A:18:PCW:N	2:B:138:GLY:C	6	4.44
(1,18)	3:A:18:PCW:N	2:B:138:GLY:CA	6	4.44
(1,18)	3:A:18:PCW:N	2:B:138:GLY:H	6	4.44
(1,18)	3:A:18:PCW:N	2:B:138:GLY:N	6	4.44
(1,18)	3:A:18:PCW:N	2:B:138:GLY:O	6	4.44
(1,18)	3:A:18:PCW:N	2:B:139:ILE:C	6	4.44
(1,18)	3:A:18:PCW:N	2:B:139:ILE:CA	6	4.44
(1,18)	3:A:18:PCW:N	2:B:139:ILE:CB	6	4.44
(1,18)	3:A:18:PCW:N	2:B:139:ILE:CD1	6	4.44
(1,18)	3:A:18:PCW:N	2:B:139:ILE:CG1	6	4.44
(1,18)	3:A:18:PCW:N	2:B:139:ILE:CG2	6	4.44
(1,18)	3:A:18:PCW:N	2:B:139:ILE:H	6	4.44
(1,18)	3:A:18:PCW:N	2:B:139:ILE:N	6	4.44
(1,18)	3:A:18:PCW:N	2:B:139:ILE:O	6	4.44
(1,18)	3:A:18:PCW:N	2:B:140:PRO:C	6	4.44
(1,18)	3:A:18:PCW:N	2:B:140:PRO:CA	6	4.44
(1,18)	3:A:18:PCW:N	2:B:140:PRO:CB	6	4.44
(1,18)	3:A:18:PCW:N	2:B:140:PRO:CD	6	4.44
(1,18)	3:A:18:PCW:N	2:B:140:PRO:CG	6	4.44
(1,18)	3:A:18:PCW:N	2:B:140:PRO:N	6	4.44
(1,18)	3:A:18:PCW:N	2:B:140:PRO:O	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:N	2:B:141:PHE:C	6	4.44
(1,18)	3:A:18:PCW:N	2:B:141:PHE:CA	6	4.44
(1,18)	3:A:18:PCW:N	2:B:141:PHE:CB	6	4.44
(1,18)	3:A:18:PCW:N	2:B:141:PHE:CD1	6	4.44
(1,18)	3:A:18:PCW:N	2:B:141:PHE:CD2	6	4.44
(1,18)	3:A:18:PCW:N	2:B:141:PHE:CE1	6	4.44
(1,18)	3:A:18:PCW:N	2:B:141:PHE:CE2	6	4.44
(1,18)	3:A:18:PCW:N	2:B:141:PHE:CG	6	4.44
(1,18)	3:A:18:PCW:N	2:B:141:PHE:CZ	6	4.44
(1,18)	3:A:18:PCW:N	2:B:141:PHE:H	6	4.44
(1,18)	3:A:18:PCW:N	2:B:141:PHE:N	6	4.44
(1,18)	3:A:18:PCW:N	2:B:141:PHE:O	6	4.44
(1,18)	3:A:18:PCW:N	2:B:142:ILE:C	6	4.44
(1,18)	3:A:18:PCW:N	2:B:142:ILE:CA	6	4.44
(1,18)	3:A:18:PCW:N	2:B:142:ILE:CB	6	4.44
(1,18)	3:A:18:PCW:N	2:B:142:ILE:CD1	6	4.44
(1,18)	3:A:18:PCW:N	2:B:142:ILE:CG1	6	4.44
(1,18)	3:A:18:PCW:N	2:B:142:ILE:CG2	6	4.44
(1,18)	3:A:18:PCW:N	2:B:142:ILE:H	6	4.44
(1,18)	3:A:18:PCW:N	2:B:142:ILE:N	6	4.44
(1,18)	3:A:18:PCW:N	2:B:142:ILE:O	6	4.44
(1,18)	3:A:18:PCW:N	2:B:143:GLU:C	6	4.44
(1,18)	3:A:18:PCW:N	2:B:143:GLU:CA	6	4.44
(1,18)	3:A:18:PCW:N	2:B:143:GLU:CB	6	4.44
(1,18)	3:A:18:PCW:N	2:B:143:GLU:CD	6	4.44
(1,18)	3:A:18:PCW:N	2:B:143:GLU:CG	6	4.44
(1,18)	3:A:18:PCW:N	2:B:143:GLU:H	6	4.44
(1,18)	3:A:18:PCW:N	2:B:143:GLU:N	6	4.44
(1,18)	3:A:18:PCW:N	2:B:143:GLU:O	6	4.44
(1,18)	3:A:18:PCW:N	2:B:143:GLU:OE1	6	4.44
(1,18)	3:A:18:PCW:N	2:B:143:GLU:OE2	6	4.44
(1,18)	3:A:18:PCW:N	2:B:158:THR:C	6	4.44
(1,18)	3:A:18:PCW:N	2:B:158:THR:CA	6	4.44
(1,18)	3:A:18:PCW:N	2:B:158:THR:CB	6	4.44
(1,18)	3:A:18:PCW:N	2:B:158:THR:CG2	6	4.44
(1,18)	3:A:18:PCW:N	2:B:158:THR:H	6	4.44
(1,18)	3:A:18:PCW:N	2:B:158:THR:HG1	6	4.44
(1,18)	3:A:18:PCW:N	2:B:158:THR:N	6	4.44
(1,18)	3:A:18:PCW:N	2:B:158:THR:O	6	4.44
(1,18)	3:A:18:PCW:N	2:B:158:THR:OG1	6	4.44
(1,18)	3:A:18:PCW:N	2:B:159:LEU:C	6	4.44
(1,18)	3:A:18:PCW:N	2:B:159:LEU:CA	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:N	2:B:159:LEU:CB	6	4.44
(1,18)	3:A:18:PCW:N	2:B:159:LEU:CD1	6	4.44
(1,18)	3:A:18:PCW:N	2:B:159:LEU:CD2	6	4.44
(1,18)	3:A:18:PCW:N	2:B:159:LEU:CG	6	4.44
(1,18)	3:A:18:PCW:N	2:B:159:LEU:H	6	4.44
(1,18)	3:A:18:PCW:N	2:B:159:LEU:N	6	4.44
(1,18)	3:A:18:PCW:N	2:B:159:LEU:O	6	4.44
(1,18)	3:A:18:PCW:N	2:B:160:VAL:C	6	4.44
(1,18)	3:A:18:PCW:N	2:B:160:VAL:CA	6	4.44
(1,18)	3:A:18:PCW:N	2:B:160:VAL:CB	6	4.44
(1,18)	3:A:18:PCW:N	2:B:160:VAL:CG1	6	4.44
(1,18)	3:A:18:PCW:N	2:B:160:VAL:CG2	6	4.44
(1,18)	3:A:18:PCW:N	2:B:160:VAL:H	6	4.44
(1,18)	3:A:18:PCW:N	2:B:160:VAL:N	6	4.44
(1,18)	3:A:18:PCW:N	2:B:160:VAL:O	6	4.44
(1,18)	3:A:18:PCW:N	2:B:170:MET:C	6	4.44
(1,18)	3:A:18:PCW:N	2:B:170:MET:CA	6	4.44
(1,18)	3:A:18:PCW:N	2:B:170:MET:CB	6	4.44
(1,18)	3:A:18:PCW:N	2:B:170:MET:CE	6	4.44
(1,18)	3:A:18:PCW:N	2:B:170:MET:CG	6	4.44
(1,18)	3:A:18:PCW:N	2:B:170:MET:H	6	4.44
(1,18)	3:A:18:PCW:N	2:B:170:MET:N	6	4.44
(1,18)	3:A:18:PCW:N	2:B:170:MET:O	6	4.44
(1,18)	3:A:18:PCW:N	2:B:170:MET:SD	6	4.44
(1,18)	3:A:18:PCW:N	2:B:171:SER:C	6	4.44
(1,18)	3:A:18:PCW:N	2:B:171:SER:CA	6	4.44
(1,18)	3:A:18:PCW:N	2:B:171:SER:CB	6	4.44
(1,18)	3:A:18:PCW:N	2:B:171:SER:H	6	4.44
(1,18)	3:A:18:PCW:N	2:B:171:SER:HG	6	4.44
(1,18)	3:A:18:PCW:N	2:B:171:SER:N	6	4.44
(1,18)	3:A:18:PCW:N	2:B:171:SER:O	6	4.44
(1,18)	3:A:18:PCW:N	2:B:171:SER:OG	6	4.44
(1,18)	3:A:18:PCW:N	2:B:172:LYS:C	6	4.44
(1,18)	3:A:18:PCW:N	2:B:172:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:N	2:B:172:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:N	2:B:172:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:N	2:B:172:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:N	2:B:172:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:N	2:B:172:LYS:H	6	4.44
(1,18)	3:A:18:PCW:N	2:B:172:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:N	2:B:172:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:N	2:B:172:LYS:HZ3	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:N	2:B:172:LYS:N	6	4.44
(1,18)	3:A:18:PCW:N	2:B:172:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:N	2:B:172:LYS:O	6	4.44
(1,18)	3:A:18:PCW:N	2:B:173:ASP:C	6	4.44
(1,18)	3:A:18:PCW:N	2:B:173:ASP:CA	6	4.44
(1,18)	3:A:18:PCW:N	2:B:173:ASP:CB	6	4.44
(1,18)	3:A:18:PCW:N	2:B:173:ASP:CG	6	4.44
(1,18)	3:A:18:PCW:N	2:B:173:ASP:H	6	4.44
(1,18)	3:A:18:PCW:N	2:B:173:ASP:N	6	4.44
(1,18)	3:A:18:PCW:N	2:B:173:ASP:O	6	4.44
(1,18)	3:A:18:PCW:N	2:B:173:ASP:OD1	6	4.44
(1,18)	3:A:18:PCW:N	2:B:173:ASP:OD2	6	4.44
(1,18)	3:A:18:PCW:N	2:B:174:GLY:C	6	4.44
(1,18)	3:A:18:PCW:N	2:B:174:GLY:CA	6	4.44
(1,18)	3:A:18:PCW:N	2:B:174:GLY:H	6	4.44
(1,18)	3:A:18:PCW:N	2:B:174:GLY:N	6	4.44
(1,18)	3:A:18:PCW:N	2:B:174:GLY:O	6	4.44
(1,18)	3:A:18:PCW:N	2:B:175:LYS:C	6	4.44
(1,18)	3:A:18:PCW:N	2:B:175:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:N	2:B:175:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:N	2:B:175:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:N	2:B:175:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:N	2:B:175:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:N	2:B:175:LYS:H	6	4.44
(1,18)	3:A:18:PCW:N	2:B:175:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:N	2:B:175:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:N	2:B:175:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:N	2:B:175:LYS:N	6	4.44
(1,18)	3:A:18:PCW:N	2:B:175:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:N	2:B:175:LYS:O	6	4.44
(1,18)	3:A:18:PCW:N	2:B:176:LYS:C	6	4.44
(1,18)	3:A:18:PCW:N	2:B:176:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:N	2:B:176:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:N	2:B:176:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:N	2:B:176:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:N	2:B:176:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:N	2:B:176:LYS:H	6	4.44
(1,18)	3:A:18:PCW:N	2:B:176:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:N	2:B:176:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:N	2:B:176:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:N	2:B:176:LYS:N	6	4.44
(1,18)	3:A:18:PCW:N	2:B:176:LYS:NZ	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:N	2:B:176:LYS:O	6	4.44
(1,18)	3:A:18:PCW:N	2:B:177:LYS:C	6	4.44
(1,18)	3:A:18:PCW:N	2:B:177:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:N	2:B:177:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:N	2:B:177:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:N	2:B:177:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:N	2:B:177:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:N	2:B:177:LYS:H	6	4.44
(1,18)	3:A:18:PCW:N	2:B:177:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:N	2:B:177:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:N	2:B:177:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:N	2:B:177:LYS:N	6	4.44
(1,18)	3:A:18:PCW:N	2:B:177:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:N	2:B:177:LYS:O	6	4.44
(1,18)	3:A:18:PCW:N	2:B:178:LYS:C	6	4.44
(1,18)	3:A:18:PCW:N	2:B:178:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:N	2:B:178:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:N	2:B:178:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:N	2:B:178:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:N	2:B:178:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:N	2:B:178:LYS:H	6	4.44
(1,18)	3:A:18:PCW:N	2:B:178:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:N	2:B:178:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:N	2:B:178:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:N	2:B:178:LYS:N	6	4.44
(1,18)	3:A:18:PCW:N	2:B:178:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:N	2:B:178:LYS:O	6	4.44
(1,18)	3:A:18:PCW:N	2:B:184:LYS:C	6	4.44
(1,18)	3:A:18:PCW:N	2:B:184:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:N	2:B:184:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:N	2:B:184:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:N	2:B:184:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:N	2:B:184:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:N	2:B:184:LYS:H	6	4.44
(1,18)	3:A:18:PCW:N	2:B:184:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:N	2:B:184:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:N	2:B:184:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:N	2:B:184:LYS:N	6	4.44
(1,18)	3:A:18:PCW:N	2:B:184:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:N	2:B:184:LYS:O	6	4.44
(1,18)	3:A:18:PCW:N	2:B:185:CYS:C	6	4.44
(1,18)	3:A:18:PCW:N	2:B:185:CYS:CA	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:N	2:B:185:CYS:CB	6	4.44
(1,18)	3:A:18:PCW:N	2:B:185:CYS:H	6	4.44
(1,18)	3:A:18:PCW:N	2:B:185:CYS:HG	6	4.44
(1,18)	3:A:18:PCW:N	2:B:185:CYS:N	6	4.44
(1,18)	3:A:18:PCW:N	2:B:185:CYS:O	6	4.44
(1,18)	3:A:18:PCW:N	2:B:185:CYS:SG	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:1:MET:C	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:1:MET:CA	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:1:MET:CB	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:1:MET:CE	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:1:MET:CG	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:1:MET:H	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:1:MET:N	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:1:MET:O	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:1:MET:SD	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:2:THR:C	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:2:THR:CA	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:2:THR:CB	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:2:THR:CG2	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:2:THR:H	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:2:THR:HG1	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:2:THR:N	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:2:THR:O	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:2:THR:OG1	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:3:GLU:C	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:3:GLU:CA	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:3:GLU:CB	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:3:GLU:CD	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:3:GLU:CG	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:3:GLU:H	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:3:GLU:N	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:3:GLU:O	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:3:GLU:OE1	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:3:GLU:OE2	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:4:TYR:C	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:4:TYR:CA	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:4:TYR:CB	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:4:TYR:CD1	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:4:TYR:CD2	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:4:TYR:CE1	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:4:TYR:CE2	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:4:TYR:CG	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:O11	2:B:4:TYR:CZ	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:4:TYR:H	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:4:TYR:HH	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:4:TYR:N	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:4:TYR:O	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:4:TYR:OH	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:47:ASP:C	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:47:ASP:CA	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:47:ASP:CB	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:47:ASP:CG	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:47:ASP:H	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:47:ASP:N	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:47:ASP:O	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:47:ASP:OD1	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:47:ASP:OD2	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:48:GLY:C	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:48:GLY:CA	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:48:GLY:H	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:48:GLY:N	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:48:GLY:O	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:49:GLU:C	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:49:GLU:CA	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:49:GLU:CB	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:49:GLU:CD	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:49:GLU:CG	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:49:GLU:H	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:49:GLU:N	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:49:GLU:O	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:49:GLU:OE1	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:49:GLU:OE2	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:50:THR:C	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:50:THR:CA	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:50:THR:CB	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:50:THR:CG2	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:50:THR:H	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:50:THR:HG1	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:50:THR:N	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:50:THR:O	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:50:THR:OG1	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:51:CYS:C	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:51:CYS:CA	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:51:CYS:CB	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:O11	2:B:51:CYS:H	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:51:CYS:HG	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:51:CYS:N	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:51:CYS:O	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:51:CYS:SG	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:105:ASP:C	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:105:ASP:CA	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:105:ASP:CB	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:105:ASP:CG	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:105:ASP:H	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:105:ASP:N	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:105:ASP:O	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:105:ASP:OD1	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:105:ASP:OD2	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:106:SER:C	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:106:SER:CA	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:106:SER:CB	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:106:SER:H	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:106:SER:HG	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:106:SER:N	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:106:SER:O	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:106:SER:OG	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:107:GLU:C	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:107:GLU:CA	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:107:GLU:CB	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:107:GLU:CD	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:107:GLU:CG	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:107:GLU:H	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:107:GLU:N	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:107:GLU:O	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:107:GLU:OE1	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:107:GLU:OE2	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:132:ASP:C	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:132:ASP:CA	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:132:ASP:CB	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:132:ASP:CG	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:132:ASP:H	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:132:ASP:N	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:132:ASP:O	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:132:ASP:OD1	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:132:ASP:OD2	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:133:LEU:C	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:O11	2:B:133:LEU:CA	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:133:LEU:CB	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:133:LEU:CD1	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:133:LEU:CD2	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:133:LEU:CG	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:133:LEU:H	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:133:LEU:N	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:133:LEU:O	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:134:ALA:C	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:134:ALA:CA	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:134:ALA:CB	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:134:ALA:H	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:134:ALA:N	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:134:ALA:O	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:137:TYR:C	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:137:TYR:CA	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:137:TYR:CB	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:137:TYR:CD1	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:137:TYR:CD2	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:137:TYR:CE1	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:137:TYR:CE2	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:137:TYR:CG	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:137:TYR:CZ	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:137:TYR:H	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:137:TYR:HH	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:137:TYR:N	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:137:TYR:O	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:137:TYR:OH	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:138:GLY:C	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:138:GLY:CA	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:138:GLY:H	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:138:GLY:N	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:138:GLY:O	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:139:ILE:C	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:139:ILE:CA	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:139:ILE:CB	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:139:ILE:CD1	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:139:ILE:CG1	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:139:ILE:CG2	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:139:ILE:H	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:139:ILE:N	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:139:ILE:O	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:O11	2:B:140:PRO:C	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:140:PRO:CA	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:140:PRO:CB	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:140:PRO:CD	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:140:PRO:CG	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:140:PRO:N	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:140:PRO:O	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:141:PHE:C	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:141:PHE:CA	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:141:PHE:CB	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:141:PHE:CD1	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:141:PHE:CD2	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:141:PHE:CE1	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:141:PHE:CE2	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:141:PHE:CG	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:141:PHE:CZ	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:141:PHE:H	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:141:PHE:N	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:141:PHE:O	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:142:ILE:C	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:142:ILE:CA	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:142:ILE:CB	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:142:ILE:CD1	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:142:ILE:CG1	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:142:ILE:CG2	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:142:ILE:H	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:142:ILE:N	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:142:ILE:O	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:143:GLU:C	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:143:GLU:CA	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:143:GLU:CB	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:143:GLU:CD	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:143:GLU:CG	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:143:GLU:H	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:143:GLU:N	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:143:GLU:O	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:143:GLU:OE1	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:143:GLU:OE2	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:158:THR:C	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:158:THR:CA	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:158:THR:CB	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:158:THR:CG2	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:O11	2:B:158:THR:H	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:158:THR:HG1	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:158:THR:N	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:158:THR:O	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:158:THR:OG1	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:159:LEU:C	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:159:LEU:CA	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:159:LEU:CB	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:159:LEU:CD1	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:159:LEU:CD2	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:159:LEU:CG	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:159:LEU:H	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:159:LEU:N	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:159:LEU:O	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:160:VAL:C	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:160:VAL:CA	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:160:VAL:CB	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:160:VAL:CG1	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:160:VAL:CG2	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:160:VAL:H	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:160:VAL:N	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:160:VAL:O	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:170:MET:C	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:170:MET:CA	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:170:MET:CB	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:170:MET:CE	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:170:MET:CG	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:170:MET:H	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:170:MET:N	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:170:MET:O	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:170:MET:SD	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:171:SER:C	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:171:SER:CA	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:171:SER:CB	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:171:SER:H	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:171:SER:HG	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:171:SER:N	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:171:SER:O	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:171:SER:OG	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:172:LYS:C	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:172:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:172:LYS:CB	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:O11	2:B:172:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:172:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:172:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:172:LYS:H	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:172:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:172:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:172:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:172:LYS:N	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:172:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:172:LYS:O	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:173:ASP:C	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:173:ASP:CA	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:173:ASP:CB	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:173:ASP:CG	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:173:ASP:H	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:173:ASP:N	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:173:ASP:O	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:173:ASP:OD1	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:173:ASP:OD2	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:174:GLY:C	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:174:GLY:CA	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:174:GLY:H	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:174:GLY:N	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:174:GLY:O	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:175:LYS:C	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:175:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:175:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:175:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:175:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:175:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:175:LYS:H	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:175:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:175:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:175:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:175:LYS:N	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:175:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:175:LYS:O	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:176:LYS:C	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:176:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:176:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:176:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:176:LYS:CE	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:O11	2:B:176:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:176:LYS:H	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:176:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:176:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:176:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:176:LYS:N	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:176:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:176:LYS:O	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:177:LYS:C	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:177:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:177:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:177:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:177:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:177:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:177:LYS:H	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:177:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:177:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:177:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:177:LYS:N	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:177:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:177:LYS:O	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:178:LYS:C	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:178:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:178:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:178:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:178:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:178:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:178:LYS:H	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:178:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:178:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:178:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:178:LYS:N	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:178:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:178:LYS:O	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:184:LYS:C	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:184:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:184:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:184:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:184:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:184:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:184:LYS:H	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:184:LYS:HZ1	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:O11	2:B:184:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:184:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:184:LYS:N	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:184:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:184:LYS:O	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:185:CYS:C	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:185:CYS:CA	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:185:CYS:CB	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:185:CYS:H	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:185:CYS:HG	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:185:CYS:N	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:185:CYS:O	6	4.44
(1,18)	3:A:18:PCW:O11	2:B:185:CYS:SG	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:1:MET:C	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:1:MET:CA	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:1:MET:CB	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:1:MET:CE	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:1:MET:CG	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:1:MET:H	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:1:MET:N	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:1:MET:O	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:1:MET:SD	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:2:THR:C	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:2:THR:CA	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:2:THR:CB	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:2:THR:CG2	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:2:THR:H	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:2:THR:HG1	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:2:THR:N	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:2:THR:O	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:2:THR:OG1	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:3:GLU:C	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:3:GLU:CA	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:3:GLU:CB	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:3:GLU:CD	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:3:GLU:CG	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:3:GLU:H	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:3:GLU:N	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:3:GLU:O	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:3:GLU:OE1	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:3:GLU:OE2	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:4:TYR:C	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:O2	2:B:4:TYR:CA	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:4:TYR:CB	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:4:TYR:CD1	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:4:TYR:CD2	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:4:TYR:CE1	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:4:TYR:CE2	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:4:TYR:CG	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:4:TYR:CZ	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:4:TYR:H	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:4:TYR:HH	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:4:TYR:N	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:4:TYR:O	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:4:TYR:OH	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:47:ASP:C	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:47:ASP:CA	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:47:ASP:CB	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:47:ASP:CG	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:47:ASP:H	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:47:ASP:N	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:47:ASP:O	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:47:ASP:OD1	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:47:ASP:OD2	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:48:GLY:C	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:48:GLY:CA	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:48:GLY:H	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:48:GLY:N	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:48:GLY:O	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:49:GLU:C	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:49:GLU:CA	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:49:GLU:CB	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:49:GLU:CD	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:49:GLU:CG	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:49:GLU:H	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:49:GLU:N	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:49:GLU:O	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:49:GLU:OE1	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:49:GLU:OE2	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:50:THR:C	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:50:THR:CA	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:50:THR:CB	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:50:THR:CG2	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:50:THR:H	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:O2	2:B:50:THR:HG1	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:50:THR:N	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:50:THR:O	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:50:THR:OG1	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:51:CYS:C	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:51:CYS:CA	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:51:CYS:CB	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:51:CYS:H	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:51:CYS:HG	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:51:CYS:N	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:51:CYS:O	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:51:CYS:SG	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:105:ASP:C	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:105:ASP:CA	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:105:ASP:CB	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:105:ASP:CG	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:105:ASP:H	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:105:ASP:N	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:105:ASP:O	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:105:ASP:OD1	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:105:ASP:OD2	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:106:SER:C	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:106:SER:CA	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:106:SER:CB	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:106:SER:H	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:106:SER:HG	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:106:SER:N	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:106:SER:O	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:106:SER:OG	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:107:GLU:C	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:107:GLU:CA	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:107:GLU:CB	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:107:GLU:CD	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:107:GLU:CG	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:107:GLU:H	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:107:GLU:N	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:107:GLU:O	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:107:GLU:OE1	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:107:GLU:OE2	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:132:ASP:C	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:132:ASP:CA	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:132:ASP:CB	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:O2	2:B:132:ASP:CG	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:132:ASP:H	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:132:ASP:N	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:132:ASP:O	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:132:ASP:OD1	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:132:ASP:OD2	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:133:LEU:C	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:133:LEU:CA	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:133:LEU:CB	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:133:LEU:CD1	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:133:LEU:CD2	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:133:LEU:CG	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:133:LEU:H	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:133:LEU:N	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:133:LEU:O	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:134:ALA:C	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:134:ALA:CA	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:134:ALA:CB	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:134:ALA:H	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:134:ALA:N	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:134:ALA:O	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:137:TYR:C	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:137:TYR:CA	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:137:TYR:CB	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:137:TYR:CD1	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:137:TYR:CD2	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:137:TYR:CE1	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:137:TYR:CE2	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:137:TYR:CG	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:137:TYR:CZ	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:137:TYR:H	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:137:TYR:HH	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:137:TYR:N	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:137:TYR:O	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:137:TYR:OH	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:138:GLY:C	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:138:GLY:CA	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:138:GLY:H	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:138:GLY:N	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:138:GLY:O	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:139:ILE:C	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:139:ILE:CA	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:O2	2:B:139:ILE:CB	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:139:ILE:CD1	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:139:ILE:CG1	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:139:ILE:CG2	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:139:ILE:H	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:139:ILE:N	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:139:ILE:O	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:140:PRO:C	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:140:PRO:CA	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:140:PRO:CB	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:140:PRO:CD	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:140:PRO:CG	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:140:PRO:N	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:140:PRO:O	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:141:PHE:C	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:141:PHE:CA	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:141:PHE:CB	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:141:PHE:CD1	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:141:PHE:CD2	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:141:PHE:CE1	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:141:PHE:CE2	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:141:PHE:CG	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:141:PHE:CZ	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:141:PHE:H	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:141:PHE:N	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:141:PHE:O	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:142:ILE:C	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:142:ILE:CA	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:142:ILE:CB	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:142:ILE:CD1	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:142:ILE:CG1	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:142:ILE:CG2	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:142:ILE:H	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:142:ILE:N	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:142:ILE:O	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:143:GLU:C	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:143:GLU:CA	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:143:GLU:CB	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:143:GLU:CD	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:143:GLU:CG	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:143:GLU:H	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:143:GLU:N	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:O2	2:B:143:GLU:O	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:143:GLU:OE1	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:143:GLU:OE2	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:158:THR:C	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:158:THR:CA	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:158:THR:CB	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:158:THR:CG2	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:158:THR:H	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:158:THR:HG1	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:158:THR:N	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:158:THR:O	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:158:THR:OG1	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:159:LEU:C	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:159:LEU:CA	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:159:LEU:CB	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:159:LEU:CD1	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:159:LEU:CD2	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:159:LEU:CG	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:159:LEU:H	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:159:LEU:N	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:159:LEU:O	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:160:VAL:C	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:160:VAL:CA	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:160:VAL:CB	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:160:VAL:CG1	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:160:VAL:CG2	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:160:VAL:H	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:160:VAL:N	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:160:VAL:O	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:170:MET:C	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:170:MET:CA	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:170:MET:CB	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:170:MET:CE	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:170:MET:CG	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:170:MET:H	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:170:MET:N	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:170:MET:O	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:170:MET:SD	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:171:SER:C	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:171:SER:CA	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:171:SER:CB	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:171:SER:H	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:O2	2:B:171:SER:HG	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:171:SER:N	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:171:SER:O	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:171:SER:OG	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:172:LYS:C	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:172:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:172:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:172:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:172:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:172:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:172:LYS:H	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:172:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:172:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:172:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:172:LYS:N	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:172:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:172:LYS:O	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:173:ASP:C	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:173:ASP:CA	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:173:ASP:CB	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:173:ASP:CG	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:173:ASP:H	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:173:ASP:N	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:173:ASP:O	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:173:ASP:OD1	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:173:ASP:OD2	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:174:GLY:C	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:174:GLY:CA	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:174:GLY:H	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:174:GLY:N	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:174:GLY:O	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:175:LYS:C	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:175:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:175:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:175:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:175:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:175:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:175:LYS:H	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:175:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:175:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:175:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:175:LYS:N	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:O2	2:B:175:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:175:LYS:O	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:176:LYS:C	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:176:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:176:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:176:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:176:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:176:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:176:LYS:H	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:176:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:176:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:176:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:176:LYS:N	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:176:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:176:LYS:O	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:177:LYS:C	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:177:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:177:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:177:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:177:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:177:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:177:LYS:H	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:177:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:177:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:177:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:177:LYS:N	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:177:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:177:LYS:O	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:178:LYS:C	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:178:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:178:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:178:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:178:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:178:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:178:LYS:H	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:178:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:178:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:178:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:178:LYS:N	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:178:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:178:LYS:O	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:184:LYS:C	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:O2	2:B:184:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:184:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:184:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:184:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:184:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:184:LYS:H	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:184:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:184:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:184:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:184:LYS:N	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:184:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:184:LYS:O	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:185:CYS:C	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:185:CYS:CA	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:185:CYS:CB	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:185:CYS:H	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:185:CYS:HG	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:185:CYS:N	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:185:CYS:O	6	4.44
(1,18)	3:A:18:PCW:O2	2:B:185:CYS:SG	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:1:MET:C	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:1:MET:CA	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:1:MET:CB	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:1:MET:CE	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:1:MET:CG	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:1:MET:H	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:1:MET:N	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:1:MET:O	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:1:MET:SD	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:2:THR:C	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:2:THR:CA	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:2:THR:CB	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:2:THR:CG2	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:2:THR:H	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:2:THR:HG1	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:2:THR:N	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:2:THR:O	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:2:THR:OG1	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:3:GLU:C	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:3:GLU:CA	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:3:GLU:CB	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:3:GLU:CD	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:O3	2:B:3:GLU:CG	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:3:GLU:H	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:3:GLU:N	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:3:GLU:O	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:3:GLU:OE1	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:3:GLU:OE2	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:4:TYR:C	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:4:TYR:CA	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:4:TYR:CB	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:4:TYR:CD1	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:4:TYR:CD2	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:4:TYR:CE1	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:4:TYR:CE2	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:4:TYR:CG	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:4:TYR:CZ	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:4:TYR:H	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:4:TYR:HH	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:4:TYR:N	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:4:TYR:O	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:4:TYR:OH	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:47:ASP:C	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:47:ASP:CA	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:47:ASP:CB	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:47:ASP:CG	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:47:ASP:H	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:47:ASP:N	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:47:ASP:O	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:47:ASP:OD1	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:47:ASP:OD2	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:48:GLY:C	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:48:GLY:CA	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:48:GLY:H	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:48:GLY:N	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:48:GLY:O	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:49:GLU:C	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:49:GLU:CA	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:49:GLU:CB	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:49:GLU:CD	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:49:GLU:CG	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:49:GLU:H	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:49:GLU:N	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:49:GLU:O	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:O3	2:B:49:GLU:OE1	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:49:GLU:OE2	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:50:THR:C	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:50:THR:CA	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:50:THR:CB	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:50:THR:CG2	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:50:THR:H	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:50:THR:HG1	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:50:THR:N	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:50:THR:O	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:50:THR:OG1	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:51:CYS:C	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:51:CYS:CA	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:51:CYS:CB	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:51:CYS:H	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:51:CYS:HG	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:51:CYS:N	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:51:CYS:O	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:51:CYS:SG	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:105:ASP:C	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:105:ASP:CA	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:105:ASP:CB	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:105:ASP:CG	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:105:ASP:H	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:105:ASP:N	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:105:ASP:O	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:105:ASP:OD1	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:105:ASP:OD2	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:106:SER:C	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:106:SER:CA	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:106:SER:CB	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:106:SER:H	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:106:SER:HG	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:106:SER:N	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:106:SER:O	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:106:SER:OG	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:107:GLU:C	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:107:GLU:CA	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:107:GLU:CB	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:107:GLU:CD	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:107:GLU:CG	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:107:GLU:H	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:O3	2:B:107:GLU:N	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:107:GLU:O	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:107:GLU:OE1	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:107:GLU:OE2	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:132:ASP:C	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:132:ASP:CA	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:132:ASP:CB	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:132:ASP:CG	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:132:ASP:H	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:132:ASP:N	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:132:ASP:O	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:132:ASP:OD1	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:132:ASP:OD2	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:133:LEU:C	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:133:LEU:CA	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:133:LEU:CB	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:133:LEU:CD1	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:133:LEU:CD2	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:133:LEU:CG	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:133:LEU:H	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:133:LEU:N	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:133:LEU:O	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:134:ALA:C	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:134:ALA:CA	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:134:ALA:CB	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:134:ALA:H	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:134:ALA:N	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:134:ALA:O	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:137:TYR:C	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:137:TYR:CA	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:137:TYR:CB	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:137:TYR:CD1	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:137:TYR:CD2	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:137:TYR:CE1	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:137:TYR:CE2	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:137:TYR:CG	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:137:TYR:CZ	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:137:TYR:H	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:137:TYR:HH	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:137:TYR:N	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:137:TYR:O	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:137:TYR:OH	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:O3	2:B:138:GLY:C	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:138:GLY:CA	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:138:GLY:H	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:138:GLY:N	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:138:GLY:O	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:139:ILE:C	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:139:ILE:CA	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:139:ILE:CB	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:139:ILE:CD1	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:139:ILE:CG1	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:139:ILE:CG2	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:139:ILE:H	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:139:ILE:N	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:139:ILE:O	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:140:PRO:C	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:140:PRO:CA	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:140:PRO:CB	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:140:PRO:CD	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:140:PRO:CG	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:140:PRO:N	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:140:PRO:O	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:141:PHE:C	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:141:PHE:CA	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:141:PHE:CB	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:141:PHE:CD1	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:141:PHE:CD2	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:141:PHE:CE1	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:141:PHE:CE2	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:141:PHE:CG	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:141:PHE:CZ	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:141:PHE:H	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:141:PHE:N	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:141:PHE:O	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:142:ILE:C	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:142:ILE:CA	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:142:ILE:CB	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:142:ILE:CD1	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:142:ILE:CG1	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:142:ILE:CG2	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:142:ILE:H	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:142:ILE:N	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:142:ILE:O	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:O3	2:B:143:GLU:C	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:143:GLU:CA	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:143:GLU:CB	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:143:GLU:CD	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:143:GLU:CG	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:143:GLU:H	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:143:GLU:N	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:143:GLU:O	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:143:GLU:OE1	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:143:GLU:OE2	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:158:THR:C	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:158:THR:CA	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:158:THR:CB	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:158:THR:CG2	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:158:THR:H	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:158:THR:HG1	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:158:THR:N	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:158:THR:O	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:158:THR:OG1	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:159:LEU:C	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:159:LEU:CA	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:159:LEU:CB	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:159:LEU:CD1	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:159:LEU:CD2	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:159:LEU:CG	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:159:LEU:H	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:159:LEU:N	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:159:LEU:O	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:160:VAL:C	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:160:VAL:CA	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:160:VAL:CB	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:160:VAL:CG1	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:160:VAL:CG2	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:160:VAL:H	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:160:VAL:N	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:160:VAL:O	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:170:MET:C	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:170:MET:CA	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:170:MET:CB	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:170:MET:CE	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:170:MET:CG	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:170:MET:H	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:O3	2:B:170:MET:N	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:170:MET:O	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:170:MET:SD	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:171:SER:C	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:171:SER:CA	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:171:SER:CB	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:171:SER:H	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:171:SER:HG	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:171:SER:N	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:171:SER:O	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:171:SER:OG	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:172:LYS:C	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:172:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:172:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:172:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:172:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:172:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:172:LYS:H	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:172:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:172:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:172:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:172:LYS:N	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:172:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:172:LYS:O	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:173:ASP:C	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:173:ASP:CA	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:173:ASP:CB	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:173:ASP:CG	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:173:ASP:H	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:173:ASP:N	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:173:ASP:O	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:173:ASP:OD1	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:173:ASP:OD2	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:174:GLY:C	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:174:GLY:CA	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:174:GLY:H	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:174:GLY:N	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:174:GLY:O	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:175:LYS:C	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:175:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:175:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:175:LYS:CD	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:O3	2:B:175:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:175:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:175:LYS:H	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:175:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:175:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:175:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:175:LYS:N	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:175:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:175:LYS:O	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:176:LYS:C	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:176:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:176:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:176:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:176:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:176:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:176:LYS:H	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:176:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:176:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:176:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:176:LYS:N	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:176:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:176:LYS:O	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:177:LYS:C	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:177:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:177:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:177:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:177:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:177:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:177:LYS:H	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:177:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:177:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:177:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:177:LYS:N	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:177:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:177:LYS:O	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:178:LYS:C	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:178:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:178:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:178:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:178:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:178:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:178:LYS:H	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:O3	2:B:178:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:178:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:178:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:178:LYS:N	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:178:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:178:LYS:O	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:184:LYS:C	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:184:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:184:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:184:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:184:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:184:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:184:LYS:H	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:184:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:184:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:184:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:184:LYS:N	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:184:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:184:LYS:O	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:185:CYS:C	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:185:CYS:CA	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:185:CYS:CB	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:185:CYS:H	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:185:CYS:HG	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:185:CYS:N	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:185:CYS:O	6	4.44
(1,18)	3:A:18:PCW:O3	2:B:185:CYS:SG	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:1:MET:C	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:1:MET:CA	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:1:MET:CB	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:1:MET:CE	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:1:MET:CG	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:1:MET:H	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:1:MET:N	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:1:MET:O	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:1:MET:SD	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:2:THR:C	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:2:THR:CA	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:2:THR:CB	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:2:THR:CG2	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:2:THR:H	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:2:THR:HG1	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:O31	2:B:2:THR:N	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:2:THR:O	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:2:THR:OG1	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:3:GLU:C	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:3:GLU:CA	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:3:GLU:CB	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:3:GLU:CD	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:3:GLU:CG	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:3:GLU:H	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:3:GLU:N	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:3:GLU:O	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:3:GLU:OE1	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:3:GLU:OE2	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:4:TYR:C	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:4:TYR:CA	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:4:TYR:CB	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:4:TYR:CD1	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:4:TYR:CD2	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:4:TYR:CE1	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:4:TYR:CE2	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:4:TYR:CG	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:4:TYR:CZ	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:4:TYR:H	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:4:TYR:HH	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:4:TYR:N	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:4:TYR:O	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:4:TYR:OH	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:47:ASP:C	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:47:ASP:CA	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:47:ASP:CB	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:47:ASP:CG	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:47:ASP:H	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:47:ASP:N	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:47:ASP:O	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:47:ASP:OD1	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:47:ASP:OD2	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:48:GLY:C	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:48:GLY:CA	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:48:GLY:H	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:48:GLY:N	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:48:GLY:O	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:49:GLU:C	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:O31	2:B:49:GLU:CA	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:49:GLU:CB	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:49:GLU:CD	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:49:GLU:CG	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:49:GLU:H	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:49:GLU:N	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:49:GLU:O	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:49:GLU:OE1	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:49:GLU:OE2	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:50:THR:C	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:50:THR:CA	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:50:THR:CB	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:50:THR:CG2	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:50:THR:H	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:50:THR:HG1	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:50:THR:N	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:50:THR:O	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:50:THR:OG1	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:51:CYS:C	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:51:CYS:CA	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:51:CYS:CB	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:51:CYS:H	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:51:CYS:HG	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:51:CYS:N	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:51:CYS:O	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:51:CYS:SG	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:105:ASP:C	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:105:ASP:CA	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:105:ASP:CB	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:105:ASP:CG	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:105:ASP:H	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:105:ASP:N	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:105:ASP:O	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:105:ASP:OD1	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:105:ASP:OD2	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:106:SER:C	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:106:SER:CA	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:106:SER:CB	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:106:SER:H	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:106:SER:HG	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:106:SER:N	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:106:SER:O	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:O31	2:B:106:SER:OG	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:107:GLU:C	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:107:GLU:CA	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:107:GLU:CB	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:107:GLU:CD	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:107:GLU:CG	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:107:GLU:H	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:107:GLU:N	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:107:GLU:O	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:107:GLU:OE1	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:107:GLU:OE2	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:132:ASP:C	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:132:ASP:CA	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:132:ASP:CB	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:132:ASP:CG	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:132:ASP:H	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:132:ASP:N	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:132:ASP:O	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:132:ASP:OD1	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:132:ASP:OD2	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:133:LEU:C	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:133:LEU:CA	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:133:LEU:CB	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:133:LEU:CD1	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:133:LEU:CD2	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:133:LEU:CG	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:133:LEU:H	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:133:LEU:N	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:133:LEU:O	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:134:ALA:C	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:134:ALA:CA	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:134:ALA:CB	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:134:ALA:H	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:134:ALA:N	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:134:ALA:O	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:137:TYR:C	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:137:TYR:CA	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:137:TYR:CB	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:137:TYR:CD1	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:137:TYR:CD2	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:137:TYR:CE1	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:137:TYR:CE2	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:O31	2:B:137:TYR:CG	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:137:TYR:CZ	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:137:TYR:H	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:137:TYR:HH	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:137:TYR:N	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:137:TYR:O	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:137:TYR:OH	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:138:GLY:C	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:138:GLY:CA	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:138:GLY:H	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:138:GLY:N	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:138:GLY:O	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:139:ILE:C	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:139:ILE:CA	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:139:ILE:CB	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:139:ILE:CD1	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:139:ILE:CG1	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:139:ILE:CG2	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:139:ILE:H	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:139:ILE:N	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:139:ILE:O	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:140:PRO:C	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:140:PRO:CA	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:140:PRO:CB	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:140:PRO:CD	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:140:PRO:CG	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:140:PRO:N	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:140:PRO:O	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:141:PHE:C	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:141:PHE:CA	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:141:PHE:CB	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:141:PHE:CD1	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:141:PHE:CD2	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:141:PHE:CE1	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:141:PHE:CE2	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:141:PHE:CG	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:141:PHE:CZ	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:141:PHE:H	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:141:PHE:N	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:141:PHE:O	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:142:ILE:C	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:142:ILE:CA	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:O31	2:B:142:ILE:CB	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:142:ILE:CD1	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:142:ILE:CG1	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:142:ILE:CG2	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:142:ILE:H	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:142:ILE:N	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:142:ILE:O	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:143:GLU:C	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:143:GLU:CA	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:143:GLU:CB	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:143:GLU:CD	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:143:GLU:CG	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:143:GLU:H	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:143:GLU:N	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:143:GLU:O	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:143:GLU:OE1	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:143:GLU:OE2	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:158:THR:C	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:158:THR:CA	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:158:THR:CB	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:158:THR:CG2	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:158:THR:H	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:158:THR:HG1	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:158:THR:N	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:158:THR:O	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:158:THR:OG1	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:159:LEU:C	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:159:LEU:CA	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:159:LEU:CB	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:159:LEU:CD1	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:159:LEU:CD2	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:159:LEU:CG	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:159:LEU:H	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:159:LEU:N	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:159:LEU:O	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:160:VAL:C	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:160:VAL:CA	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:160:VAL:CB	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:160:VAL:CG1	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:160:VAL:CG2	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:160:VAL:H	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:160:VAL:N	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:O31	2:B:160:VAL:O	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:170:MET:C	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:170:MET:CA	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:170:MET:CB	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:170:MET:CE	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:170:MET:CG	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:170:MET:H	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:170:MET:N	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:170:MET:O	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:170:MET:SD	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:171:SER:C	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:171:SER:CA	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:171:SER:CB	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:171:SER:H	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:171:SER:HG	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:171:SER:N	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:171:SER:O	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:171:SER:OG	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:172:LYS:C	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:172:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:172:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:172:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:172:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:172:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:172:LYS:H	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:172:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:172:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:172:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:172:LYS:N	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:172:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:172:LYS:O	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:173:ASP:C	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:173:ASP:CA	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:173:ASP:CB	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:173:ASP:CG	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:173:ASP:H	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:173:ASP:N	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:173:ASP:O	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:173:ASP:OD1	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:173:ASP:OD2	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:174:GLY:C	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:174:GLY:CA	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:O31	2:B:174:GLY:H	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:174:GLY:N	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:174:GLY:O	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:175:LYS:C	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:175:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:175:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:175:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:175:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:175:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:175:LYS:H	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:175:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:175:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:175:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:175:LYS:N	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:175:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:175:LYS:O	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:176:LYS:C	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:176:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:176:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:176:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:176:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:176:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:176:LYS:H	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:176:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:176:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:176:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:176:LYS:N	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:176:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:176:LYS:O	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:177:LYS:C	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:177:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:177:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:177:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:177:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:177:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:177:LYS:H	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:177:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:177:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:177:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:177:LYS:N	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:177:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:177:LYS:O	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:O31	2:B:178:LYS:C	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:178:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:178:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:178:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:178:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:178:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:178:LYS:H	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:178:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:178:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:178:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:178:LYS:N	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:178:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:178:LYS:O	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:184:LYS:C	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:184:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:184:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:184:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:184:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:184:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:184:LYS:H	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:184:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:184:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:184:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:184:LYS:N	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:184:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:184:LYS:O	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:185:CYS:C	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:185:CYS:CA	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:185:CYS:CB	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:185:CYS:H	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:185:CYS:HG	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:185:CYS:N	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:185:CYS:O	6	4.44
(1,18)	3:A:18:PCW:O31	2:B:185:CYS:SG	6	4.44
(1,18)	3:A:18:PCW:P	2:B:1:MET:C	6	4.44
(1,18)	3:A:18:PCW:P	2:B:1:MET:CA	6	4.44
(1,18)	3:A:18:PCW:P	2:B:1:MET:CB	6	4.44
(1,18)	3:A:18:PCW:P	2:B:1:MET:CE	6	4.44
(1,18)	3:A:18:PCW:P	2:B:1:MET:CG	6	4.44
(1,18)	3:A:18:PCW:P	2:B:1:MET:H	6	4.44
(1,18)	3:A:18:PCW:P	2:B:1:MET:N	6	4.44
(1,18)	3:A:18:PCW:P	2:B:1:MET:O	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:P	2:B:1:MET:SD	6	4.44
(1,18)	3:A:18:PCW:P	2:B:2:THR:C	6	4.44
(1,18)	3:A:18:PCW:P	2:B:2:THR:CA	6	4.44
(1,18)	3:A:18:PCW:P	2:B:2:THR:CB	6	4.44
(1,18)	3:A:18:PCW:P	2:B:2:THR:CG2	6	4.44
(1,18)	3:A:18:PCW:P	2:B:2:THR:H	6	4.44
(1,18)	3:A:18:PCW:P	2:B:2:THR:HG1	6	4.44
(1,18)	3:A:18:PCW:P	2:B:2:THR:N	6	4.44
(1,18)	3:A:18:PCW:P	2:B:2:THR:O	6	4.44
(1,18)	3:A:18:PCW:P	2:B:2:THR:OG1	6	4.44
(1,18)	3:A:18:PCW:P	2:B:3:GLU:C	6	4.44
(1,18)	3:A:18:PCW:P	2:B:3:GLU:CA	6	4.44
(1,18)	3:A:18:PCW:P	2:B:3:GLU:CB	6	4.44
(1,18)	3:A:18:PCW:P	2:B:3:GLU:CD	6	4.44
(1,18)	3:A:18:PCW:P	2:B:3:GLU:CG	6	4.44
(1,18)	3:A:18:PCW:P	2:B:3:GLU:H	6	4.44
(1,18)	3:A:18:PCW:P	2:B:3:GLU:N	6	4.44
(1,18)	3:A:18:PCW:P	2:B:3:GLU:O	6	4.44
(1,18)	3:A:18:PCW:P	2:B:3:GLU:OE1	6	4.44
(1,18)	3:A:18:PCW:P	2:B:3:GLU:OE2	6	4.44
(1,18)	3:A:18:PCW:P	2:B:4:TYR:C	6	4.44
(1,18)	3:A:18:PCW:P	2:B:4:TYR:CA	6	4.44
(1,18)	3:A:18:PCW:P	2:B:4:TYR:CB	6	4.44
(1,18)	3:A:18:PCW:P	2:B:4:TYR:CD1	6	4.44
(1,18)	3:A:18:PCW:P	2:B:4:TYR:CD2	6	4.44
(1,18)	3:A:18:PCW:P	2:B:4:TYR:CE1	6	4.44
(1,18)	3:A:18:PCW:P	2:B:4:TYR:CE2	6	4.44
(1,18)	3:A:18:PCW:P	2:B:4:TYR:CG	6	4.44
(1,18)	3:A:18:PCW:P	2:B:4:TYR:CZ	6	4.44
(1,18)	3:A:18:PCW:P	2:B:4:TYR:H	6	4.44
(1,18)	3:A:18:PCW:P	2:B:4:TYR:HH	6	4.44
(1,18)	3:A:18:PCW:P	2:B:4:TYR:N	6	4.44
(1,18)	3:A:18:PCW:P	2:B:4:TYR:O	6	4.44
(1,18)	3:A:18:PCW:P	2:B:4:TYR:OH	6	4.44
(1,18)	3:A:18:PCW:P	2:B:47:ASP:C	6	4.44
(1,18)	3:A:18:PCW:P	2:B:47:ASP:CA	6	4.44
(1,18)	3:A:18:PCW:P	2:B:47:ASP:CB	6	4.44
(1,18)	3:A:18:PCW:P	2:B:47:ASP:CG	6	4.44
(1,18)	3:A:18:PCW:P	2:B:47:ASP:H	6	4.44
(1,18)	3:A:18:PCW:P	2:B:47:ASP:N	6	4.44
(1,18)	3:A:18:PCW:P	2:B:47:ASP:O	6	4.44
(1,18)	3:A:18:PCW:P	2:B:47:ASP:OD1	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:P	2:B:47:ASP:OD2	6	4.44
(1,18)	3:A:18:PCW:P	2:B:48:GLY:C	6	4.44
(1,18)	3:A:18:PCW:P	2:B:48:GLY:CA	6	4.44
(1,18)	3:A:18:PCW:P	2:B:48:GLY:H	6	4.44
(1,18)	3:A:18:PCW:P	2:B:48:GLY:N	6	4.44
(1,18)	3:A:18:PCW:P	2:B:48:GLY:O	6	4.44
(1,18)	3:A:18:PCW:P	2:B:49:GLU:C	6	4.44
(1,18)	3:A:18:PCW:P	2:B:49:GLU:CA	6	4.44
(1,18)	3:A:18:PCW:P	2:B:49:GLU:CB	6	4.44
(1,18)	3:A:18:PCW:P	2:B:49:GLU:CD	6	4.44
(1,18)	3:A:18:PCW:P	2:B:49:GLU:CG	6	4.44
(1,18)	3:A:18:PCW:P	2:B:49:GLU:H	6	4.44
(1,18)	3:A:18:PCW:P	2:B:49:GLU:N	6	4.44
(1,18)	3:A:18:PCW:P	2:B:49:GLU:O	6	4.44
(1,18)	3:A:18:PCW:P	2:B:49:GLU:OE1	6	4.44
(1,18)	3:A:18:PCW:P	2:B:49:GLU:OE2	6	4.44
(1,18)	3:A:18:PCW:P	2:B:50:THR:C	6	4.44
(1,18)	3:A:18:PCW:P	2:B:50:THR:CA	6	4.44
(1,18)	3:A:18:PCW:P	2:B:50:THR:CB	6	4.44
(1,18)	3:A:18:PCW:P	2:B:50:THR:CG2	6	4.44
(1,18)	3:A:18:PCW:P	2:B:50:THR:H	6	4.44
(1,18)	3:A:18:PCW:P	2:B:50:THR:HG1	6	4.44
(1,18)	3:A:18:PCW:P	2:B:50:THR:N	6	4.44
(1,18)	3:A:18:PCW:P	2:B:50:THR:O	6	4.44
(1,18)	3:A:18:PCW:P	2:B:50:THR:OG1	6	4.44
(1,18)	3:A:18:PCW:P	2:B:51:CYS:C	6	4.44
(1,18)	3:A:18:PCW:P	2:B:51:CYS:CA	6	4.44
(1,18)	3:A:18:PCW:P	2:B:51:CYS:CB	6	4.44
(1,18)	3:A:18:PCW:P	2:B:51:CYS:H	6	4.44
(1,18)	3:A:18:PCW:P	2:B:51:CYS:HG	6	4.44
(1,18)	3:A:18:PCW:P	2:B:51:CYS:N	6	4.44
(1,18)	3:A:18:PCW:P	2:B:51:CYS:O	6	4.44
(1,18)	3:A:18:PCW:P	2:B:51:CYS:SG	6	4.44
(1,18)	3:A:18:PCW:P	2:B:105:ASP:C	6	4.44
(1,18)	3:A:18:PCW:P	2:B:105:ASP:CA	6	4.44
(1,18)	3:A:18:PCW:P	2:B:105:ASP:CB	6	4.44
(1,18)	3:A:18:PCW:P	2:B:105:ASP:CG	6	4.44
(1,18)	3:A:18:PCW:P	2:B:105:ASP:H	6	4.44
(1,18)	3:A:18:PCW:P	2:B:105:ASP:N	6	4.44
(1,18)	3:A:18:PCW:P	2:B:105:ASP:O	6	4.44
(1,18)	3:A:18:PCW:P	2:B:105:ASP:OD1	6	4.44
(1,18)	3:A:18:PCW:P	2:B:105:ASP:OD2	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:P	2:B:106:SER:C	6	4.44
(1,18)	3:A:18:PCW:P	2:B:106:SER:CA	6	4.44
(1,18)	3:A:18:PCW:P	2:B:106:SER:CB	6	4.44
(1,18)	3:A:18:PCW:P	2:B:106:SER:H	6	4.44
(1,18)	3:A:18:PCW:P	2:B:106:SER:HG	6	4.44
(1,18)	3:A:18:PCW:P	2:B:106:SER:N	6	4.44
(1,18)	3:A:18:PCW:P	2:B:106:SER:O	6	4.44
(1,18)	3:A:18:PCW:P	2:B:106:SER:OG	6	4.44
(1,18)	3:A:18:PCW:P	2:B:107:GLU:C	6	4.44
(1,18)	3:A:18:PCW:P	2:B:107:GLU:CA	6	4.44
(1,18)	3:A:18:PCW:P	2:B:107:GLU:CB	6	4.44
(1,18)	3:A:18:PCW:P	2:B:107:GLU:CD	6	4.44
(1,18)	3:A:18:PCW:P	2:B:107:GLU:CG	6	4.44
(1,18)	3:A:18:PCW:P	2:B:107:GLU:H	6	4.44
(1,18)	3:A:18:PCW:P	2:B:107:GLU:N	6	4.44
(1,18)	3:A:18:PCW:P	2:B:107:GLU:O	6	4.44
(1,18)	3:A:18:PCW:P	2:B:107:GLU:OE1	6	4.44
(1,18)	3:A:18:PCW:P	2:B:107:GLU:OE2	6	4.44
(1,18)	3:A:18:PCW:P	2:B:132:ASP:C	6	4.44
(1,18)	3:A:18:PCW:P	2:B:132:ASP:CA	6	4.44
(1,18)	3:A:18:PCW:P	2:B:132:ASP:CB	6	4.44
(1,18)	3:A:18:PCW:P	2:B:132:ASP:CG	6	4.44
(1,18)	3:A:18:PCW:P	2:B:132:ASP:H	6	4.44
(1,18)	3:A:18:PCW:P	2:B:132:ASP:N	6	4.44
(1,18)	3:A:18:PCW:P	2:B:132:ASP:O	6	4.44
(1,18)	3:A:18:PCW:P	2:B:132:ASP:OD1	6	4.44
(1,18)	3:A:18:PCW:P	2:B:132:ASP:OD2	6	4.44
(1,18)	3:A:18:PCW:P	2:B:133:LEU:C	6	4.44
(1,18)	3:A:18:PCW:P	2:B:133:LEU:CA	6	4.44
(1,18)	3:A:18:PCW:P	2:B:133:LEU:CB	6	4.44
(1,18)	3:A:18:PCW:P	2:B:133:LEU:CD1	6	4.44
(1,18)	3:A:18:PCW:P	2:B:133:LEU:CD2	6	4.44
(1,18)	3:A:18:PCW:P	2:B:133:LEU:CG	6	4.44
(1,18)	3:A:18:PCW:P	2:B:133:LEU:H	6	4.44
(1,18)	3:A:18:PCW:P	2:B:133:LEU:N	6	4.44
(1,18)	3:A:18:PCW:P	2:B:133:LEU:O	6	4.44
(1,18)	3:A:18:PCW:P	2:B:134:ALA:C	6	4.44
(1,18)	3:A:18:PCW:P	2:B:134:ALA:CA	6	4.44
(1,18)	3:A:18:PCW:P	2:B:134:ALA:CB	6	4.44
(1,18)	3:A:18:PCW:P	2:B:134:ALA:H	6	4.44
(1,18)	3:A:18:PCW:P	2:B:134:ALA:N	6	4.44
(1,18)	3:A:18:PCW:P	2:B:134:ALA:O	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:P	2:B:137:TYR:C	6	4.44
(1,18)	3:A:18:PCW:P	2:B:137:TYR:CA	6	4.44
(1,18)	3:A:18:PCW:P	2:B:137:TYR:CB	6	4.44
(1,18)	3:A:18:PCW:P	2:B:137:TYR:CD1	6	4.44
(1,18)	3:A:18:PCW:P	2:B:137:TYR:CD2	6	4.44
(1,18)	3:A:18:PCW:P	2:B:137:TYR:CE1	6	4.44
(1,18)	3:A:18:PCW:P	2:B:137:TYR:CE2	6	4.44
(1,18)	3:A:18:PCW:P	2:B:137:TYR:CG	6	4.44
(1,18)	3:A:18:PCW:P	2:B:137:TYR:CZ	6	4.44
(1,18)	3:A:18:PCW:P	2:B:137:TYR:H	6	4.44
(1,18)	3:A:18:PCW:P	2:B:137:TYR:HH	6	4.44
(1,18)	3:A:18:PCW:P	2:B:137:TYR:N	6	4.44
(1,18)	3:A:18:PCW:P	2:B:137:TYR:O	6	4.44
(1,18)	3:A:18:PCW:P	2:B:137:TYR:OH	6	4.44
(1,18)	3:A:18:PCW:P	2:B:138:GLY:C	6	4.44
(1,18)	3:A:18:PCW:P	2:B:138:GLY:CA	6	4.44
(1,18)	3:A:18:PCW:P	2:B:138:GLY:H	6	4.44
(1,18)	3:A:18:PCW:P	2:B:138:GLY:N	6	4.44
(1,18)	3:A:18:PCW:P	2:B:138:GLY:O	6	4.44
(1,18)	3:A:18:PCW:P	2:B:139:ILE:C	6	4.44
(1,18)	3:A:18:PCW:P	2:B:139:ILE:CA	6	4.44
(1,18)	3:A:18:PCW:P	2:B:139:ILE:CB	6	4.44
(1,18)	3:A:18:PCW:P	2:B:139:ILE:CD1	6	4.44
(1,18)	3:A:18:PCW:P	2:B:139:ILE:CG1	6	4.44
(1,18)	3:A:18:PCW:P	2:B:139:ILE:CG2	6	4.44
(1,18)	3:A:18:PCW:P	2:B:139:ILE:H	6	4.44
(1,18)	3:A:18:PCW:P	2:B:139:ILE:N	6	4.44
(1,18)	3:A:18:PCW:P	2:B:139:ILE:O	6	4.44
(1,18)	3:A:18:PCW:P	2:B:140:PRO:C	6	4.44
(1,18)	3:A:18:PCW:P	2:B:140:PRO:CA	6	4.44
(1,18)	3:A:18:PCW:P	2:B:140:PRO:CB	6	4.44
(1,18)	3:A:18:PCW:P	2:B:140:PRO:CD	6	4.44
(1,18)	3:A:18:PCW:P	2:B:140:PRO:CG	6	4.44
(1,18)	3:A:18:PCW:P	2:B:140:PRO:N	6	4.44
(1,18)	3:A:18:PCW:P	2:B:140:PRO:O	6	4.44
(1,18)	3:A:18:PCW:P	2:B:141:PHE:C	6	4.44
(1,18)	3:A:18:PCW:P	2:B:141:PHE:CA	6	4.44
(1,18)	3:A:18:PCW:P	2:B:141:PHE:CB	6	4.44
(1,18)	3:A:18:PCW:P	2:B:141:PHE:CD1	6	4.44
(1,18)	3:A:18:PCW:P	2:B:141:PHE:CD2	6	4.44
(1,18)	3:A:18:PCW:P	2:B:141:PHE:CE1	6	4.44
(1,18)	3:A:18:PCW:P	2:B:141:PHE:CE2	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:P	2:B:141:PHE:CG	6	4.44
(1,18)	3:A:18:PCW:P	2:B:141:PHE:CZ	6	4.44
(1,18)	3:A:18:PCW:P	2:B:141:PHE:H	6	4.44
(1,18)	3:A:18:PCW:P	2:B:141:PHE:N	6	4.44
(1,18)	3:A:18:PCW:P	2:B:141:PHE:O	6	4.44
(1,18)	3:A:18:PCW:P	2:B:142:ILE:C	6	4.44
(1,18)	3:A:18:PCW:P	2:B:142:ILE:CA	6	4.44
(1,18)	3:A:18:PCW:P	2:B:142:ILE:CB	6	4.44
(1,18)	3:A:18:PCW:P	2:B:142:ILE:CD1	6	4.44
(1,18)	3:A:18:PCW:P	2:B:142:ILE:CG1	6	4.44
(1,18)	3:A:18:PCW:P	2:B:142:ILE:CG2	6	4.44
(1,18)	3:A:18:PCW:P	2:B:142:ILE:H	6	4.44
(1,18)	3:A:18:PCW:P	2:B:142:ILE:N	6	4.44
(1,18)	3:A:18:PCW:P	2:B:142:ILE:O	6	4.44
(1,18)	3:A:18:PCW:P	2:B:143:GLU:C	6	4.44
(1,18)	3:A:18:PCW:P	2:B:143:GLU:CA	6	4.44
(1,18)	3:A:18:PCW:P	2:B:143:GLU:CB	6	4.44
(1,18)	3:A:18:PCW:P	2:B:143:GLU:CD	6	4.44
(1,18)	3:A:18:PCW:P	2:B:143:GLU:CG	6	4.44
(1,18)	3:A:18:PCW:P	2:B:143:GLU:H	6	4.44
(1,18)	3:A:18:PCW:P	2:B:143:GLU:N	6	4.44
(1,18)	3:A:18:PCW:P	2:B:143:GLU:O	6	4.44
(1,18)	3:A:18:PCW:P	2:B:143:GLU:OE1	6	4.44
(1,18)	3:A:18:PCW:P	2:B:143:GLU:OE2	6	4.44
(1,18)	3:A:18:PCW:P	2:B:158:THR:C	6	4.44
(1,18)	3:A:18:PCW:P	2:B:158:THR:CA	6	4.44
(1,18)	3:A:18:PCW:P	2:B:158:THR:CB	6	4.44
(1,18)	3:A:18:PCW:P	2:B:158:THR:CG2	6	4.44
(1,18)	3:A:18:PCW:P	2:B:158:THR:H	6	4.44
(1,18)	3:A:18:PCW:P	2:B:158:THR:HG1	6	4.44
(1,18)	3:A:18:PCW:P	2:B:158:THR:N	6	4.44
(1,18)	3:A:18:PCW:P	2:B:158:THR:O	6	4.44
(1,18)	3:A:18:PCW:P	2:B:158:THR:OG1	6	4.44
(1,18)	3:A:18:PCW:P	2:B:159:LEU:C	6	4.44
(1,18)	3:A:18:PCW:P	2:B:159:LEU:CA	6	4.44
(1,18)	3:A:18:PCW:P	2:B:159:LEU:CB	6	4.44
(1,18)	3:A:18:PCW:P	2:B:159:LEU:CD1	6	4.44
(1,18)	3:A:18:PCW:P	2:B:159:LEU:CD2	6	4.44
(1,18)	3:A:18:PCW:P	2:B:159:LEU:CG	6	4.44
(1,18)	3:A:18:PCW:P	2:B:159:LEU:H	6	4.44
(1,18)	3:A:18:PCW:P	2:B:159:LEU:N	6	4.44
(1,18)	3:A:18:PCW:P	2:B:159:LEU:O	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:P	2:B:160:VAL:C	6	4.44
(1,18)	3:A:18:PCW:P	2:B:160:VAL:CA	6	4.44
(1,18)	3:A:18:PCW:P	2:B:160:VAL:CB	6	4.44
(1,18)	3:A:18:PCW:P	2:B:160:VAL:CG1	6	4.44
(1,18)	3:A:18:PCW:P	2:B:160:VAL:CG2	6	4.44
(1,18)	3:A:18:PCW:P	2:B:160:VAL:H	6	4.44
(1,18)	3:A:18:PCW:P	2:B:160:VAL:N	6	4.44
(1,18)	3:A:18:PCW:P	2:B:160:VAL:O	6	4.44
(1,18)	3:A:18:PCW:P	2:B:170:MET:C	6	4.44
(1,18)	3:A:18:PCW:P	2:B:170:MET:CA	6	4.44
(1,18)	3:A:18:PCW:P	2:B:170:MET:CB	6	4.44
(1,18)	3:A:18:PCW:P	2:B:170:MET:CE	6	4.44
(1,18)	3:A:18:PCW:P	2:B:170:MET:CG	6	4.44
(1,18)	3:A:18:PCW:P	2:B:170:MET:H	6	4.44
(1,18)	3:A:18:PCW:P	2:B:170:MET:N	6	4.44
(1,18)	3:A:18:PCW:P	2:B:170:MET:O	6	4.44
(1,18)	3:A:18:PCW:P	2:B:170:MET:SD	6	4.44
(1,18)	3:A:18:PCW:P	2:B:171:SER:C	6	4.44
(1,18)	3:A:18:PCW:P	2:B:171:SER:CA	6	4.44
(1,18)	3:A:18:PCW:P	2:B:171:SER:CB	6	4.44
(1,18)	3:A:18:PCW:P	2:B:171:SER:H	6	4.44
(1,18)	3:A:18:PCW:P	2:B:171:SER:HG	6	4.44
(1,18)	3:A:18:PCW:P	2:B:171:SER:N	6	4.44
(1,18)	3:A:18:PCW:P	2:B:171:SER:O	6	4.44
(1,18)	3:A:18:PCW:P	2:B:171:SER:OG	6	4.44
(1,18)	3:A:18:PCW:P	2:B:172:LYS:C	6	4.44
(1,18)	3:A:18:PCW:P	2:B:172:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:P	2:B:172:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:P	2:B:172:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:P	2:B:172:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:P	2:B:172:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:P	2:B:172:LYS:H	6	4.44
(1,18)	3:A:18:PCW:P	2:B:172:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:P	2:B:172:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:P	2:B:172:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:P	2:B:172:LYS:N	6	4.44
(1,18)	3:A:18:PCW:P	2:B:172:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:P	2:B:172:LYS:O	6	4.44
(1,18)	3:A:18:PCW:P	2:B:173:ASP:C	6	4.44
(1,18)	3:A:18:PCW:P	2:B:173:ASP:CA	6	4.44
(1,18)	3:A:18:PCW:P	2:B:173:ASP:CB	6	4.44
(1,18)	3:A:18:PCW:P	2:B:173:ASP:CG	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:P	2:B:173:ASP:H	6	4.44
(1,18)	3:A:18:PCW:P	2:B:173:ASP:N	6	4.44
(1,18)	3:A:18:PCW:P	2:B:173:ASP:O	6	4.44
(1,18)	3:A:18:PCW:P	2:B:173:ASP:OD1	6	4.44
(1,18)	3:A:18:PCW:P	2:B:173:ASP:OD2	6	4.44
(1,18)	3:A:18:PCW:P	2:B:174:GLY:C	6	4.44
(1,18)	3:A:18:PCW:P	2:B:174:GLY:CA	6	4.44
(1,18)	3:A:18:PCW:P	2:B:174:GLY:H	6	4.44
(1,18)	3:A:18:PCW:P	2:B:174:GLY:N	6	4.44
(1,18)	3:A:18:PCW:P	2:B:174:GLY:O	6	4.44
(1,18)	3:A:18:PCW:P	2:B:175:LYS:C	6	4.44
(1,18)	3:A:18:PCW:P	2:B:175:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:P	2:B:175:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:P	2:B:175:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:P	2:B:175:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:P	2:B:175:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:P	2:B:175:LYS:H	6	4.44
(1,18)	3:A:18:PCW:P	2:B:175:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:P	2:B:175:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:P	2:B:175:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:P	2:B:175:LYS:N	6	4.44
(1,18)	3:A:18:PCW:P	2:B:175:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:P	2:B:175:LYS:O	6	4.44
(1,18)	3:A:18:PCW:P	2:B:176:LYS:C	6	4.44
(1,18)	3:A:18:PCW:P	2:B:176:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:P	2:B:176:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:P	2:B:176:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:P	2:B:176:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:P	2:B:176:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:P	2:B:176:LYS:H	6	4.44
(1,18)	3:A:18:PCW:P	2:B:176:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:P	2:B:176:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:P	2:B:176:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:P	2:B:176:LYS:N	6	4.44
(1,18)	3:A:18:PCW:P	2:B:176:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:P	2:B:176:LYS:O	6	4.44
(1,18)	3:A:18:PCW:P	2:B:177:LYS:C	6	4.44
(1,18)	3:A:18:PCW:P	2:B:177:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:P	2:B:177:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:P	2:B:177:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:P	2:B:177:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:P	2:B:177:LYS:CG	6	4.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	3:A:18:PCW:P	2:B:177:LYS:H	6	4.44
(1,18)	3:A:18:PCW:P	2:B:177:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:P	2:B:177:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:P	2:B:177:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:P	2:B:177:LYS:N	6	4.44
(1,18)	3:A:18:PCW:P	2:B:177:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:P	2:B:177:LYS:O	6	4.44
(1,18)	3:A:18:PCW:P	2:B:178:LYS:C	6	4.44
(1,18)	3:A:18:PCW:P	2:B:178:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:P	2:B:178:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:P	2:B:178:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:P	2:B:178:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:P	2:B:178:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:P	2:B:178:LYS:H	6	4.44
(1,18)	3:A:18:PCW:P	2:B:178:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:P	2:B:178:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:P	2:B:178:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:P	2:B:178:LYS:N	6	4.44
(1,18)	3:A:18:PCW:P	2:B:178:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:P	2:B:178:LYS:O	6	4.44
(1,18)	3:A:18:PCW:P	2:B:184:LYS:C	6	4.44
(1,18)	3:A:18:PCW:P	2:B:184:LYS:CA	6	4.44
(1,18)	3:A:18:PCW:P	2:B:184:LYS:CB	6	4.44
(1,18)	3:A:18:PCW:P	2:B:184:LYS:CD	6	4.44
(1,18)	3:A:18:PCW:P	2:B:184:LYS:CE	6	4.44
(1,18)	3:A:18:PCW:P	2:B:184:LYS:CG	6	4.44
(1,18)	3:A:18:PCW:P	2:B:184:LYS:H	6	4.44
(1,18)	3:A:18:PCW:P	2:B:184:LYS:HZ1	6	4.44
(1,18)	3:A:18:PCW:P	2:B:184:LYS:HZ2	6	4.44
(1,18)	3:A:18:PCW:P	2:B:184:LYS:HZ3	6	4.44
(1,18)	3:A:18:PCW:P	2:B:184:LYS:N	6	4.44
(1,18)	3:A:18:PCW:P	2:B:184:LYS:NZ	6	4.44
(1,18)	3:A:18:PCW:P	2:B:184:LYS:O	6	4.44
(1,18)	3:A:18:PCW:P	2:B:185:CYS:C	6	4.44
(1,18)	3:A:18:PCW:P	2:B:185:CYS:CA	6	4.44
(1,18)	3:A:18:PCW:P	2:B:185:CYS:CB	6	4.44
(1,18)	3:A:18:PCW:P	2:B:185:CYS:H	6	4.44
(1,18)	3:A:18:PCW:P	2:B:185:CYS:HG	6	4.44
(1,18)	3:A:18:PCW:P	2:B:185:CYS:N	6	4.44
(1,18)	3:A:18:PCW:P	2:B:185:CYS:O	6	4.44
(1,18)	3:A:18:PCW:P	2:B:185:CYS:SG	6	4.44
(1,21)	3:A:21:PCW:C11	2:B:1:MET:C	6	4.13

10 Dihedral-angle violation analysis

No dihedral-angle restraints found